



## STATEMENT OF QUALIFICATIONS

**CONTRACT NO. 4400030051**

**IDIQ CONTRACT FOR PAVEMENT PRESERVATION PROJECTS  
STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 03 & 07**



*Submitted To:*

**Department of Transportation & Development  
Consultant Contract Services Administrator  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802**

**Via email: [DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov)**

*Submitted By:*

***ECM Consultants, Inc.***

**400 East Kaliste Saloom Road, Suite 4100**

**Lafayette, Louisiana 70508**

**Telephone: 504-885-4080 • Fax: 504-885-1439**

**[kazem@ecmconsultants.com](mailto:kazem@ecmconsultants.com)**

*In Association with:*

**SJB Group, LLC**

**APS Engineering and Testing, LLC**

**Arcadis U.S., Inc.**

**October 8, 2024**

# ***ECM Consultants, Inc.***

***Engineers • Architects • Construction Managers***

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Phone (504) 885-4080

400 E. Kaliste Saloom Road Suite 4100  
Lafayette, LA 70508  
Phone (504) 885-4080

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

October 8, 2024

Re: **IDIQ Contract for Pavement Preservation Projects Statewide with Majority of Work in Districts 03 & 07**  
**Contract No. 4400030051**

Dear Mr. Gorbaty:

ECM Consultants, Inc., a Louisiana based consulting engineering firm, is pleased to submit an electronic PDF of our Statement of Qualifications in the most current version of the DOTD Form 24-102, dated September 17, 2024, in response to the Request for Qualifications for the above-referenced contract.

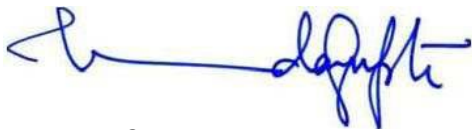
ECM Consultants, Inc. has experience in providing roadway design services, project management, and construction administration services for various local and state agencies. Examples of our relevant experience include City Park Neighborhood Roadway Improvements - Group A for the City of New Orleans DPW, Napoleon Avenue Rehabilitation for S&WB of New Orleans, Glen Oak Drive for the City of Baton Rouge, Manhattan Boulevard for Jefferson Parish DPW, and Rehabilitation of Lapalco Blvd. for Jefferson Parish.

As our statement of qualifications will indicate, the ECM Team substantially exceeds the minimum personnel requirements as stated in the Request for Qualifications. Our Team includes qualified professionals with the required licenses, certifications, and experience to provide design of services for this contract. Our Principal, Project Manager, Engineers and CAD Technicians have considerable experience in providing services for LADOTD and other client's projects.

Our team consists of highly qualified staff, with the required licenses, certifications, and experience to provide exceptional services for this project. We have included [SJB Group, LLC](#) for Survey services, [APS Engineering and Testing, LLC \(DBE\)](#) for Geotechnical Investigations and testing and [Arcadis U.S., Inc](#) for traffic engineering.

We appreciate the opportunity to submit this statement of qualifications and hope our interest will receive favorable consideration. Should you have any questions or require any additional information, please contact us.

Respectfully submitted,



Ujjal DasGupta, P.E.  
President

# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

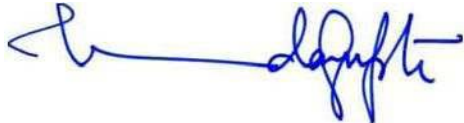
(Revised September 17, 2024)

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 PAVEMENT PRESERVATION PROJECTS STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 03 & 07
2. Contract Number(s) as shown in the advertisement	4400030051
3. State Project Number(s), if shown in the advertisement	NA
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	<b>ECM Consultants, Inc.</b>
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)	400 East Kaliste Saloom Road, Suite 4100 Lafayette, LA 70508
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 <a href="mailto:kazem@ecmconsultants.com">kazem@ecmconsultants.com</a>
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 <a href="mailto:ujjal@ecmconsultants.com">ujjal@ecmconsultants.com</a>

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><b>Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.</b></p>	<p>Signature (shall be the same person as #9):</p>  <hr/> <p>Date: October 8, 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>	<table border="0"> <tr> <td><u>Firm(s):</u></td> <td><u>Firm(s)' %:</u></td> </tr> <tr> <td>APS</td> <td>4%</td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	APS	4%
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
APS	4%				

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

**12. Past Performance Evaluation Discipline Table:**

As indicated in the advertisement, insert a 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 listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). Remove rows as needed.

Past Performance Evaluation Discipline(s)	% of Overall Contract	Prime ECM	Firm B SJB	Firm C APS (DBE)	Firm D Arcadis	must total to 100%
Road	76%	100%				100%
Survey	15%		100%			100%
Geotech	4%			100%		100%
Traffic	5%				100%	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100%	76.0%	15.0%	4.0%	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 (must 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](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	<b><u>Number of personnel committed to this contract</u></b>	Total number of personnel available in this DOTD Job Classification (if needed)
ECM Consultants, Inc.	Principal	1	2
ECM Consultants, Inc.	Supervisor - Eng	2	8
ECM Consultants, Inc.	Engineer	7	10
ECM Consultants, Inc.	CADD Technician	2	3
APS Engineering & Testing	Supervisor - Eng	1	2
APS Engineering & Testing	Engineer	1	2
SJB Group, L.L.C.	Surveyor	2	4
Arcadis, U.S. , Inc.	Supervisor - Eng	1	7
Arcadis, U.S. , Inc	Engineer	2	9

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 the 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. 4400030051

IDIQ CONTRACT FOR PAVEMENT PRESERVATION  
PROJECTS STATEWIDE WITH MAJORITY OF WORK  
IN DISTRICTS 03 & 07

#### Certifications

■ Work Zone Traffic Ctrl. Flagger/Tech/Supervisor



**ECM Consultants, Inc.**  
(Prime)

**Principal /Point of Contact**  
Ujjal Dasgupta, PE. ■

**Project Manager**  
Kazem Alikhani, P.E. ■

### Project Team and Role

#### Prime:

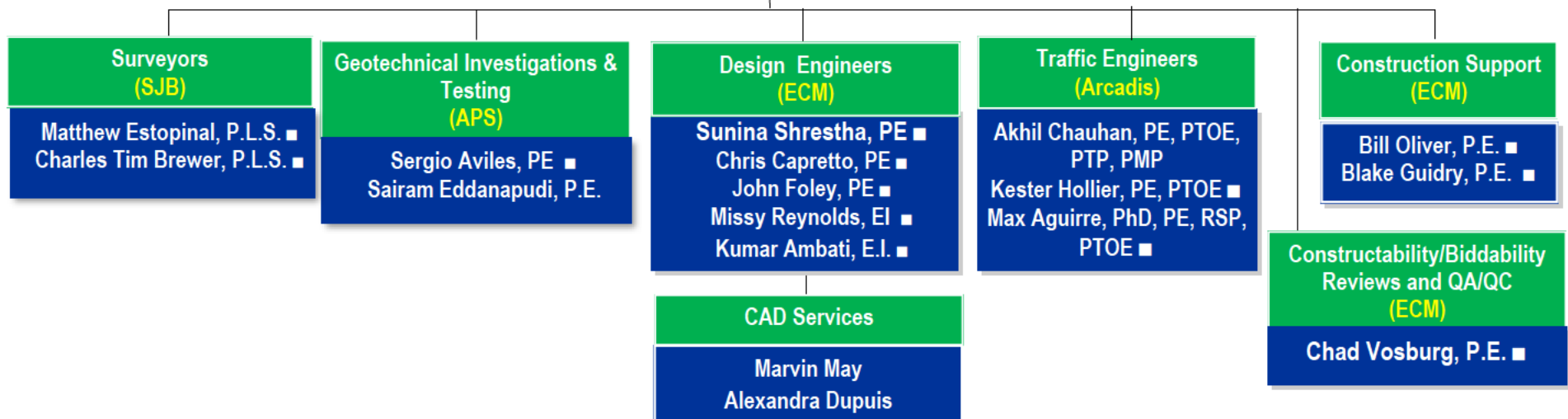
**ECM:** Project management,  
Coordination, Design QA/QC and  
Construction Administration

#### Subconsultants:

**SJB:** Surveying

**APS (DBE):** Geotechnical  
Investigations and Testing

**Arcadis, U.S., Inc.:** Traffic  
Engineering



**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 PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Kazem Alikhani, P.E. (44 years' experience)	ECM Consultants, Inc. (Prime)	Mechanical Engineer, Professional Engineer 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 PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Chad Vosburg, P.E. (31 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer PE.0027677	LA	PE.0027677 Exp. 09/30/2026
3	Ujjal DasGupta, P.E. (54 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Sunina Shrestha P.E. (17 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer PE.0037901	LA	PE.0037901 Exp. 09/30/2025
	Christopher Capretto, P.E. (15 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer PE.0038641	LA	PE.0037901 Exp. 09/30/2026
4	Matthew Estopinal, P.E, PLS (17 years' experience)	SJB Group, L.L.C.	Civil Engineer Professional Engineer PE.0039151 Professional Land Surveyor PLS.0004955	LA	PE. 0039151 PLS.0004955 Exp. 3/31/2025

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 <b>ECM Consultants, Inc.</b>			
Name	<b>Ujjal DasGupta, P.E.</b>		Years of relevant experience with this employer
Title	<b>President</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		<b>B.S. / 1968 / Civil Engineering;</b> ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor; LPA Core Training Module	
Active registration number / state / expiration date		<b>19849 / LA / 9-2025</b>	
Year registered	<b>1982</b>	Discipline	<b>Civil Engineering</b>
Contract role(s) / brief description of responsibilities		<b>Mr. DasGupta will serve as Principal-in-charge for this contract. Mr. DasGupta meets the minimum requirement of one registered professional engineer in Louisiana per MPR Nos.1, 2 and 3.</b>	
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).		
<b>54 Years of experience</b>	<i>Mr. DasGupta has over 54 years of experience in, construction management, project management, construction engineering &amp; inspection (CE&amp;I) services as well as civil and structural engineering design for a wide variety of roadway, bridges, drainage, and utilities projects.</i>		
<b>04/15-10/19</b>	<b>Strain Road Bridge, City of Baton Rouge/East Baton Rouge DPW, Baton Rouge, LA:</b> Mr. Dasgupta served as Project Principal for design engineering services for the replacement of Strain Road Bridge. Work consisted of hydrologic design, study, topographic survey, and preparation of a design report with two alternatives for replacement of the existing bridge. The first alternative included the replacing of existing bridge with two 60 foot long, 8' x 8' box culverts with 150 feet of channel improvement and second included replacing existing bridge with a new 100-foot-long <b>bridge</b> with some channel improvement downstream of the channel. Based on the benefit cost analysis (BCA), first alternative was selected by the city. ECM provided the design services and prepared plans for construction of two- barrel 8' x 8' <b>box culverts</b> and an asphaltting concrete roadway section. The existing approach roadway which is a two-lane asphaltic concrete street with subsurface drainage system was widened for a length 225 ft. for widening of the bridge to conform to LADOTD design guidelines		
<b>Ongoing</b>	<b>Latigue Road (Live Oak to River Rd), Jefferson Parish DPW, Jefferson Parish, LA:</b> Mr. DasGupta served as Project Manager for this two-phase project to design a new two-lane roadway and drainage system and to remove and reconstruct existing roadways, curbs and gutters, drainage, striping, and relocate utilities. ECM provided design services that included establishing roadway alignment, selection of the typical section, preliminary cost estimates, and preparation of plans, specifications and final cost estimates for this \$7.5 million new roadway and reconstruction project. The new roadway phase included survey, geotechnical investigation, pavement section design, hydraulic analysis for drainage, major drainage improvements, striping and a new traffic signal.		
<b>08/14 – 02/17</b>	<b>Glen Oaks Drive, City of Baton Rouge DPW; Baton Rouge, LA:</b> Mr. Dasgupta served as Principal for design and preparation of Plans, specifications, and estimates (PS&E) for this <b>\$10 million</b> roadway improvement project. Scope included design for construction of a <b>three-lane roadway</b> with concrete curb and gutter, <b>roadway intersection</b> improvements, sidewalks and ADA compliant ramps at intersections and <b>subsurface drainage</b> improvements along a one-mile existing Urban Collector roadway. Based on the <b>traffic study</b> performed, dedicated left turn lanes were added at several streets intersecting Glen Oaks Drive.		

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

01/05-12/08	<b>Lapalco Boulevard (US 90 to Segnette), Jefferson Parish/LADOTD; Jefferson Parish LA:</b> Mr. DasGupta served as project manager for this <b>\$11 million</b> 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
08/07-12/08	<b>Improvements to Manhattan Blvd. (11th St to Gretna Blvd.), Jefferson Parish, LA (2005-2007):</b> Mr. DasGupta served as Project Manager for this \$1.3 million project involving engineering design, preparation of plans and specifications, cost estimates, construction administration, and construction engineering and inspection for asphaltic roadway and intersection improvements to Manhattan Boulevard from 11th Street to Gretna Boulevard. The scope included cold planning of existing road, damaged panel replacement, clean drain lines, repair/replace concrete curb, asphaltic concrete overlay, striping & replacement of traffic signal loop detectors.
01/11-05/13	<b>Napoleon Avenue Reconstruction (S. Claiborne to Carondelet Street), City of New Orleans, LA:</b> Mr. Dasgupta served as ECM's Project Manager for reconstruction of this 4-Lane divided roadway with bike lane, parking lane and grass median. This major collector road is located in residential and commercial areas. This \$55 million project involved reconstruction of Napoleon Avenue in conjunction with construction of a major drainage box culvert in the roadway median under SELA program. Construction costs for <b>roadway</b> , drainage and all utilities work for ECM's scope was about <b>\$21 million</b> .
10/05-08/07	<b>Rehabilitation of Lapalco Boulevard (Timberlane to Belle Chasse Hwy, Phases I, II, &amp; III), Jefferson Parish DPW/LADOTD:</b> Mr. DasGupta served as Project Manager for this \$3 million project involving cold planing, base repair, adjusting catch basins, curb repairs, asphalt leveling course and wearing course overlay, striping, adding new guardrails, and reconstruction of bridge approach slabs. The limit of the project was Phase I (Belle Chasse Hwy. to Wall Blvd.), Phase II (Wall Blvd. to Timberlane Dr.), and Phase III (Timberlane Dr. to Manhattan Blvd.). Scope of work included design; preparation of plans, specifications, and estimates; and construction phase services. Project design also included ADA compliant ramps at each street intersection, crosswalk striping at pedestrian crossings, replacement of damaged sidewalks and curbs, and adding safety guard rails at canal crossings, sharp curves and along hard objects on the roadsides.
11/16- 07/19	<b>Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA:</b> Mr. Dasgupta served as <b>Principal</b> for this <b>\$12 million PCCP roadway</b> project providing construction administration and <b>CE&amp;I services</b> 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.

**16. Staff Experience:**

Firm employed by <b>ECM Consultants, Inc.</b>			
Name	<b>Kazem Alikhani, P.E.</b>	Years of relevant experience with this employer	<b>8</b>
Title	<b>Chief Executive Officer / Project Manager</b>	Years of relevant experience with other employer(s)	<b>36</b>
Degree(s) / Years / Specialization		<b>M.S./1984/Engineering Concentration in Civil, Hydraulic &amp; Hydrology B.S./1980/Mechanical Engineering. ATSSA Work Zone Traffic Control Flagger, Technician &amp; Supervisor'</b>	
Active registration number / state / expiration date		<b>25073/Louisiana/Exp. 03/31/2026</b>	
Year registered	<b>1992</b>	Discipline	<b>Mechanical &amp; Environmental Engineering</b>
Contract role(s) / brief description of responsibilities		<b>Mr. Alikhani will serve as Project Manager for this contract. Mr. Alikhani meets the minimum requirement of one registered professional engineer in Louisiana per MPR No. 1</b>	
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).		
<b>44 years of experience</b>	<i>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</i>		
<b>2016-2019</b>	<b>City Park Neighborhood, Group - A, DPW- city of New Orleans, LA:</b> As Principal in charge, Mr. Alikhani supervised the civil engineering design for this <b>\$8.6 million</b> City Park Neighborhood Group – A project. Work includes <b>PCC pavement</b> reconstruction and milling, base repairs and asphalt overlay for the rehabilitations. The project included hydraulic analysis, <b>drainage</b> design, <b>roadway and intersections</b> design, preparation of plans, specifications, and cost estimates (PS&E) for 31 blocks of roadway in the neighborhood. Work also included sidewalks with ADA ramps, new drainage system and replacement of all water and sewer mains. Some streets under this project area are in Parkview Historic District and the design for these streets was done conforming to the FEMA guideline for the Historic Area.		
<b>Ongoing</b>	<b>Latigue Road Extension (Live Oak to River Rd), Jefferson Parish DPW, Jefferson Parish, LA:</b> Mr. Alikhani is in charge of QA/QC for this two-phase project to design a new two-lane roadway and drainage system and to remove and reconstruct existing roadways, curbs and gutters, drainage, striping, and relocate utilities. ECM provided design services that included establishing roadway alignment, selection of the typical section, preliminary cost estimates, and preparation of plans, specifications and final cost estimates for this \$7.5 million new roadway and reconstruction project. The new roadway phase included survey, geotechnical investigation, pavement section design, hydraulic analysis for drainage, major drainage improvements, striping and a new traffic signal.		
<b>09/16-11/17</b>	<b>Glen Oaks Drive (Plank Rd. to McClelland Dr.), Baton Rouge DPW, Baton Rouge, LA:</b> Mr. Alikhani provided project oversight for this \$10M project involving engineering design for construction of a three-lane concrete curb and gutter roadway with sidewalks, pedestrian crossing and subsurface drainage on Glen Oaks Dr. from Plank Rd. to McClelland Dr. Glen Oaks is a one-mile existing Urban Collector roadway. Design included Improvements to <b>several intersections and addition of dedicated turn lanes at three intersections</b> . Scope also included topographic survey, <b>ROW survey and ROW plan preparation</b> , ADA ramps, subsurface drainage system design and H&H analysis.		

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

<b>08/07-12/08</b>	<b>Manhattan Boulevard, Jefferson Parish, LA:</b> Mr. Alikhani oversaw design and construction of this \$3.5 million project to widen Manhattan Blvd. from Gretna Blvd. to the Westbank Expressway as well as the \$2.5 million overlay project for this major thoroughfare. The project included preparation of right-of-way drawings and property acquisition.
<b>10/16-02/18</b>	<b>Gravier Street (South Galvez to Broad St), New Orleans, LA:</b> Mr. Alikhani managed this <b>\$5.8 million</b> roadway reconstruction project. ECM was responsible for overall performance of design and resident inspection services for the project that included roadway removal, roadway excavation, installation of new subsurface drainage from 18" to 42", 20" waterline, 8"- 15" sewer lines. Work included subbase, aggregate base, PCC roadways pavement, concrete sidewalks including ADA ramps, pedestrian crossing at all intersections and driveways.
<b>11/16- 07/19</b>	<b>S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA:</b> Mr. Alikhani served as <b>Project Manager</b> for this <b>\$12 million PCCP roadway</b> project providing construction administration and <b>CE&amp;I services</b> 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.
<b>03/14-08/16</b>	<b>Lapalco Boulevard Bridge over Harvey Canal:</b> Mr. Alikhani oversaw this <b>\$5 million</b> 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 <b>ECM Consultants, Inc.</b>			
Name	Sunina Shrestha, P.E.		Years of experience with this firm/employer
Title	Senior Roadway Design Engineer		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 Engineering
Contract role(s) / brief description of responsibilities		Ms. Shrestha will serve as a Roadway Design Engineer. 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).		
<b>17 years of experience</b>	<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&amp;E and engineering review of designs and construction plans and specifications for various roadway projects.</i>		
<b>04/15-10/19</b>	<b>Strain Road Bridge, City of Baton Rouge/East Baton Rouge DPW, Baton Rouge, LA:</b> Ms. Shrestha served as project engineer for this project involving design and preparation of PS&E for the replacement of Strain Road Bridge. Work consisted of hydrologic design, study, topographic survey, and preparation of a design report with two alternatives for replacement of the existing bridge. The first alternative included the replacing of existing bridge with two 60 foot long, 8' x 8' box culverts with 150 feet of channel improvement and second included replacing existing bridge with a new 100-foot-long bridge with some channel improvement downstream of the channel. Based on the benefit cost analysis (BCA), first alternative was selected by the city. ECM provided the design services and prepared plans for construction of two- barrel 8' x 8' box culverts and an asphalt concrete roadway section. The existing approach roadway which is a two-lane asphalt concrete street with subsurface drainage system was widened for a length 225 ft. for widening of the bridge to conform to LADOTD design guidelines		
<b>Ongoing</b>	<b>Latigue Road (Live Oak to River Rd), Jefferson Parish DPW, Jefferson Parish, LA:</b> Mr. DasGupta served as Project Manager for this two-phase project to design a new two-lane roadway and drainage system and to remove and reconstruct existing roadways, curbs and gutters, drainage, striping, and relocate utilities. ECM provided design services that included establishing roadway alignment, selection of the typical section, preliminary cost estimates, and preparation of plans, specifications and final cost estimates for this \$7.5 million new roadway and reconstruction project. The new roadway phase included survey, geotechnical investigation, pavement section design, hydraulic analysis for drainage, major drainage improvements, striping and a new traffic signal.		
<b>10/18-10/23</b>	<b>City Park Neighborhood, Group - A, DPW- city of New Orleans, LA:</b> As Project Manager, Ms. Shrestha supervised the civil engineering design for this \$8.6 million City Park Neighborhood Group – A project. Work includes <b>PCC pavement</b> reconstruction and milling, base repairs and asphalt overlay for the rehabilitations. The project included hydraulic analysis, <b>drainage</b> design, <b>roadway and intersections</b> design, preparation of plans, specifications, and cost estimates (PS&E) for 31 blocks of roadway in the neighborhood. Work also included sidewalks with ADA ramps, new drainage system and replacement of all water and sewer mains. Some streets under this project area are in Parkview Historic District and the design for these streets was done conforming to the FEMA guideline for the Historic Area.		

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

<b>08/14 – 02/17</b>	<b>Glen Oaks Drive (Plank Rd. to McClelland Dr.), Baton Rouge DPW, Baton Rouge, LA:</b> Ms. Shrestha served as project engineer for this \$10M project involving engineering design for construction of a three-lane concrete curb and gutter roadway with sidewalks and subsurface drainage on Glen Oaks Dr. from Plank Rd. to McClelland Dr. Glen Oaks is a one-mile existing Urban Collector roadway. The project also includes improvements to several intersections, topographic survey, ROW survey and ROW plan preparation, subsurface drainage system design and H&H analysis for the outfalls.
<b>10/15-11/17</b>	<b>Gravier Street Improvements (Between South Galvez and South Broad), City of New Orleans-DPW, New Orleans, LA:</b> Ms. Shrestha provided civil engineering for this \$5.2 million project which consisted of design, preparation of plans and specifications, and cost estimates (PS&E) for roadway reconstruction including storm drainage, sidewalk improvements, and water & sewer improvements. The project involved extensive coordination with the Sewerage and Water Board and other utility entities regarding both vertical and horizontal location of utilities. ECM provided all services required for topographic survey (through subconsultant), preparation of preliminary plans, final plans, specifications, construction administration, resident inspection services, and bid documents.
<b>09/22- Ongoing</b>	<b>Lake Terrace Oaks, Group-C, and Lake Shore Area Group-E, Roadway Improvements, City of New Orleans, LA.</b> Ms. Shrestha is serving as Project Engineer for these projects that involve complete reconstruction of 20 blocks neighborhood PCCP roadway including subsurface drainage system, replacement of water and sewer systems as required. Work includes PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersections. The project design is 95% complete. She is responsible for managing, supervising and overseeing work product for conformance with City of New Orleans General Specifications for Street Paving.
<b>Ongoing</b>	<b>Gentilly Terrace Group E; New Orleans, LA:</b> Ms. Shrestha served as the project manager for this roadway reconstruction project that involves design and preparation of plans, specifications and estimate (PS&E) for removal and replacement of PCC and asphalt roadway and H&H analysis for drain system design. She was also involved in coordination with S&WB, park and parkways and other utility entities.

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

**16. Staff Experience:**

Firm employed by <b>ECM Consultants, Inc.</b>			
Name	<b>Christopher Capretto, P.E.</b>		Years of relevant experience with this employer
Title	<b>Roadway Design Engineer</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		<b>B.S./2009/Civil Engineering</b> FHWA-NHI-130091 Underwater Bridge Inspection; LPA Core Training Module; ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor	
Active registration number / state / expiration date		<b>PE # 38641/ LA / 9-2026</b>	
Year registered	<b>2014</b>	Discipline	<b>Civil Engineering</b>
Contract role(s) / brief description of responsibilities		<b>Mr. Capretto will serve as Design Engineer for this contract.</b>	
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).		
<b>15 years of experience</b>	<i>Mr. Capretto has 15 years of experience in road and bridge design and construction administration, bridge inspection and bridge rating, roadway design including pavement sections and horizontal and vertical alignments, stormwater design, water and sewer force mains and gravity lines. His participation in representative projects includes design, preparation of PS&amp;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>		
<b>05/17–On going</b>	<b>Program and Construction Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA.:</b> 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.		
<b>04/16-05/17</b>	<b>Gravier Street (South Galvez to Broad St)   City of New Orleans   New Orleans, LA   Civil Engineer:</b> Mr. Capretto performed civil engineering design and <b>construction administration</b> for this <b>\$5.8 million PCC roadway</b> reconstruction project with curbs and gutters including new major subsurface drainage system and utilities relocations. His responsibilities included attending weekly progress meetings, preparing and distributing minutes of meetings, coordination with various agencies, submittal reviews and management, resolution of field issues in consultation with inspector and project manager, and site visits.		
<b>02/15-05/18</b>	<b>Youth Study Center Streets   City of New Orleans Dept. of Public Works   New Orleans, LA   Civil Engineer;</b> Mr. Capretto provided civil <b>engineering design and construction administration</b> services support for this \$3.2 million <b>roadway</b> 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.		
<b>08/14 – 02/17</b>	<b>Glen Oaks Drive, City of Baton Rouge DPW, Baton Rouge, LA:</b> Mr. Capretto provided civil engineering design for this <b>\$10 million</b> reconstruction project that included design for construction of a three-lane asphalt roadway with concrete curb and gutter, 6-foot ADA compliant sidewalks and subsurface drainage improvements along a one-mile existing Urban Collector roadway. The project also included improvements		

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	to several intersections including the addition of turn lanes at three intersections.
10/18 - 10/23	<b>City Park Neighborhood, FEMA Eligible Street Repairs, New Orleans DPW, New Orleans, LA:</b> Mr. Capretto provided engineering design services for this project to determine extent of roadway damages acceptable to FEMA including field investigations, survey, documentation, rehabilitation designs, preparation of cost estimates and plans and specifications. ECM prepared scope reports, updated PW Work sheets for FEMA-Eligible repairs within the boundary of the neighborhood. The project scope included preparation of construction plans and specifications, cost estimates for pavement rehabilitation involving base repairs, cold mill and overlay, curb, and sidewalk repairs including utility adjustments and new ADA ramps for all street intersections. In addition to preparation of plans and profiles, ECM prepared various details not in city standard plans, special curb details, and sidewalk and driveway details.

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

## 16. Staff Experience:

Firm employed by <b>ECM Consultants, Inc.</b>				
Name	John Foley, III, P.E.		Years of relevant experience with this employer	5
Title	Civil Engineer		Years of relevant experience with other employer(s)	5
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 Design Engineer. He has certifications in ATSSA Traffic Control Flagger, Supervisor and 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).			
10 years of experience	Mr. Foley is a Civil 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			
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 – 10/23	<b>City Park Group A, City of New Orleans – DPW New Orleans, LA:</b> Mr. Foley served as <b>Project Engineer performed construction administration</b> for this project that involved complete reconstruction of 62 blocks of neighborhood residential <b>roadways including subsurface drainage systems</b> , 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	<b>West Bank Group B Street Improvements, City of New Orleans, LA.</b> 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	<b>West Metairie Avenue Restoration, Jefferson Parish, LA.</b> Mr. Foley provided condition assessment, design, and construction documentation for the replacement of <b>failed concrete panels, drainage structure repairs</b> , and canal banks slope stabilization. Project Designer responsible for designing plans and calculating quantities.
10/17 – 07/19	<b>Harrison Avenue Improvements, St. Tammany Parish, Covington, LA.</b> Mr. Foley was a part of the project team conducting a feasibility study and subsequent design and <b>construction administration</b> 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	<b>Spartan Drive Shared-Use Path, City of Slidell, LA.</b> 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	<b>Highland-Burbank Connector, City of Baton Rouge/Parish of East Baton Rouge, LA.</b> Mr. Foley was a project engineer for a detailed planning study and design of two alternatives for a <b>new three-lane highway</b> connecting Highland Road and Burbank Drive in Baton Rouge. He was responsible for the preparation of design study report.
06/14 – 07/15	<b>US 61 Corridor Improvements, St. John the Baptist Parish, LaPlace, LA:</b> Mr. Foley served as Project Designer and prepared preliminary and final plans, <b>right-of-way plans</b> , and special details for improvements along the <b>US 61 Corridor</b> in Laplace in St. John the Baptist Parish.
07/17 – 06/19	<b>LA 931 at Roddy Road Roundabout, Ascension Parish, Gonzales, LA.</b> Mr. Foley provided design services for a <b>single-lane asphalt roundabout</b> 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), , <b>subsurface drainage</b> , 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 <b>roadway geometry</b> , 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 <b>ECM Consultants, Inc.</b>			
Name	Marylin “Missy” Reynolds, EI	Years of relevant experience with this employer	5
Title	Deputy Project Manager	Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization		B.S./Civil Engineering/1996	
Active registration number / state / expiration date		E.I No. 16639/LA/ 3.31.26	
Year registered	1996	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		She is a certified ATSSA Traffic Control Flagger and Supervisor. <b>Ms. Reynolds will provide support to Design/Assistant Design Engineers.</b>	
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).		
<b>28 years of experience</b>	<i>Ms. Reynolds has 28 years of experience in project management, construction management, and engineering design for construction of roadways, subsurface drainage, canals, drainage structures, utility relocations and water treatment facilities. She has provided oversight for civil engineering design and construction of new construction, reconstruction and rehabilitation of existing roads, drainage and utility relocations projects. This included elevated roadways and on grade roadway involving excavations, subbase and aggregate base, drainage, utilities relocation, PCC and asphalt roadway pavement.</i>		
<b>05/17–On going</b>	<b>Program and Construction Management for 2017 Jefferson Parish Road Bond Project, DPW- Jefferson Parish, LA:</b> Ms. Reynolds is serving as Deputy Project Manager for the 2017 Jefferson Parish Road Bond Project on the East bank of Jefferson Parish. This project currently has <b>\$208 million</b> of construction projects and includes the design and construction of <b>roadways, bridges, drainage, utilities and pedestrian bike paths</b> . Ms. Reynolds is responsible reviewing consultants’ PS&E and coordinating with local and State agencies. Her duties include working with several consulting firms to resolve design and constructions issues and coordinating with private businesses and utilities including railroad companies. Ms. Reynolds reviews contractor submittals to ensure conformity, resolves construction issues, performs site visits and reviews testing lab reports and performed substantial completion and final walk-throughs for the completed projects.		
<b>10/15-08/2017</b>	<b>Mid-City Street Improvements, Gentilly Woods &amp; Read Boulevard East Group C Neighborhoods, New Orleans, LA:</b> Ms. Reynolds performed engineering design for this <b>\$15 million</b> . rehabilitation and reconstruction of <b>roadways</b> in several neighborhoods including drainage, new sidewalks and driveway aprons. She performed field investigations, identified damages to both roadways and subsurface drainage and utilities. She prepared detailed design study reports to capture each damaged area in accordance with FEMA guidelines; created an in-depth tracking system to detail location, scope and eligibility of each item; developed drawings for FEMA eligibility approval along with corresponding support documentation for federal funding		
<b>07/12-02/14</b>	<b>US-190 Roadway Widening, St. Tammany Parish, LA:</b> Ms. Reynolds provided engineering design and project management services for this project to <b>widen existing US-190 from two to four lanes</b> . The project included design for roadway excavation, embankment, aggregate subbase, asphaltic concrete pavement, drainage, and striping. She was responsible for hydraulic analysis, preparation of existing and proposed drainage maps, typical sections, plan and profiles, summary of quantities, drainage structures, and miscellaneous details. She prepared technical specifications and preliminary and final estimates.		

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

02/16–04/17	<b>Williams Boulevard at Vintage Drive U-Turn Improvements, Kenner, LA:</b> Ms. Reynolds designed a <b>\$1.2 million</b> new east/west U-turn at the intersection of Williams Blvd. and Vintage Drive to latest AASHTO design standards and LADOTD Standard Specifications for Roads and Bridges. for turning radius for 18-wheelers. Design included milling and overlay of turning lanes, redesign of subsurface drainage and concrete median in accordance with ADA requirements. Ms. Reynolds prepared construction specifications, typical details, cost estimates coordinated with Jefferson -DPW and LADOTD for approval of design This project was part of City of Kenner Bond Program
08/12–07/16	<b>Program and Construction Management for Roadway Restoration Projects, St. Bernard Parish, LA:</b> Ms. Reynolds served as Senior Project Manager and Construction Manager, overseeing construction of more than <b>350 roadway construction projects</b> totaling <b>\$170 million</b> , including repairs to subsurface drainage system damaged in Hurricane Katrina. She worked with FEMA, state and local representatives to identify damages and performed design for roadway restorations and drainage repairs, prepared plans, specifications and cost estimates (PS&E). Ms. Reynolds was responsible for <b>27 field inspectors and coordinating work among several contractors concurrently</b> . Ms. Reynolds reviewed contractor submittals, resolved construction issues, reviewed testing lab reports, and performed substantial completion and final walk-throughs. Additionally, she reviewed contractors' monthly pay estimates, prepared change orders and conducted progress meetings.
07/12- 03/14	<b>Ames Boulevard (Westbank Expressway to Happy Street), LADOTD, Jefferson Parish, LA:</b> Ms. Reynolds supervised design of approximately 1.5 miles of roadway in accordance with LADOTD Urbans Systems design criteria. Design included replacing curb and gutter, ADA ramps, asphaltic overlay, and adjusting the existing drainage structures.

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

16. Staff Experience:				
Firm employed by <b>ECM Consultants, Inc.</b>				
Name	Kumar Ambati, EIT		Years of relevant experience with this employer	5
Title	EIT/ CAD SPECIALIST		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		B.S./2015/Civil Engineering M.S./2018/Civil Engineering		
Active registration number / state / expiration date		35287/LA/03.31.25 64508/TX/10.4.2026		
Year registered	1982	Discipline	Engineering Intern	
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).			
<b>11 years of experience</b>	<i>Mr. Ambati has eleven years’ experience in preparing construction drawings using CAD. This includes preparation of plans &amp; profiles, typical sections, cross sections, various details for pavement, drainage, and utilities projects. He also prepared structural drawings for several projects.</i>			
<b>09/22- Ongoing</b>	<b>Lake Terrace Oaks, Group-C, and Lake Shore Area Group-E, Roadway Improvements, City of New Orleans, LA.</b> Mr. Ambati provided CAD services for this \$11.5 million that involves complete reconstruction of 20 blocks PCCP roadway including subsurface drainage system, replacement of water and sewer systems as required. Work includes PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersections.			
<b>07/19- 12/22</b>	<b>Lapalco Blvd. Bridge over Bayou Segnette, Jefferson Parish, LA:</b> Mr. Ambati provided CAD services. ECM performed engineering design and prepared the construction documents for the rehabilitation of the existing Lapalco bridge over Bayou Segnette. The road rehabilitation included <b>the mill and overlay of the approach and adjoining road</b> . This rehabilitation involved cold planning, asphalt leveling course, asphaltic concrete overlay, pavement markings, and replacement of guard rails where needed.			
<b>07/19-10/19</b>	<b>Strain Road Bridge, City of Baton Rouge/East Baton Rouge DPW, Baton Rouge, LA:</b> Mr. Ambati provided CAD services for this project involving design and preparation of PS&E for the replacement of Strain Road Bridge. Work consisted of hydrologic design, study, topographic survey, and preparation of a design report with two alternatives for replacement of the existing bridge. ECM provided the design services and prepared plans for construction of two- barrel 8’ x 8’ box culverts and an asphalt concrete roadway section. The existing approach roadway which is a two-lane asphaltic concrete street with subsurface drainage system was widened for a length 225 ft. for widening of the bridge to conform to LADOTD design guidelines.			
<b>08/19 – 10/21</b>	<b>West Bank Group B Street Improvements, City of New Orleans, LA.</b> Mr. Ambati 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 include mill and overlay with full depth patching, other incidental road repairs and <b>drainage improvement</b> in certain sections of the project area.			
<b>2004 – 2016</b>	<b>Gentility Terrace Neighborhood, Roadway Improvements, City of New Orleans, LA:</b> Mr. Ambati provided CAD services for preparation of plan and profile, cross sections, and grading sheets, subsurface drainage, water and sewer system details etc. for the reconstruction of Carnot Street from Elysian Field to Peoples Ave.			

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

## 16. Staff Experience:

Firm employed by <b>ECM Consultants, Inc.</b>			
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		1998	Discipline
			Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Vosburg will serve as the QA/QC 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	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.		
10/21-On going	Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA Mr. Vosburg is serving as <b>Construction Quality Control Manager</b> 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.		
05/13-08/16	S.P. No. H.001940: Sunshine Bridge Rehabilitation Phase 2, LADOTD, Ascension Parish, LA: Mr. Vosburg served as <b>District Administrator</b> 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.		
10/20 – 10/22	I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Vosburg provided <b>Construction support services for close out</b> 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.		
08/19-10/21	I-220 /I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Vosburg served as <b>Construction Quality Control Manager</b> 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 <b>bridge construction</b> over the existing KCS railway and Musselshell bayou. This work includes <b>4 separate bridges</b> including a NB and SB I-220 overpass over I-20, and a NB and <b>SB overpass</b>		

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

	over the KCS railway crossing. This work includes <b>pile driving</b> , drilled shafts, installing <b>prestressed concrete girders</b> , steel girders, <b>on grade roadway</b> including earthwork, subbase and base, drainage, utilities relocation, <b>PCC pavement</b> , and Asphaltic Concrete pavement.
<b>09/17-09/18</b>	<b>Essen Lane Widening, LADOTD, East Baton Rouge Parish, LA:</b> Mr. Vosburg served as <b>DOTD District Administrator</b> 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.
<b>09/11—07/12</b>	<b>S.P. No. H.011224: US 190: Roadway Repair and Replacement, LADOTD, Pointe Coupee Parish, LA:</b> Mr. Vosburg served as <b>DOTD District Administrator</b> for this <b>\$14 million construction project</b> involving replacement of double sided three-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.

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

**16. Staff Experience:**

Firm employed by <b>ECM Consultants, Inc.</b>			
Name	<b>William J. Oliver, Jr.</b>		Years of relevant experience with this employer
Title	<b>Construction Administration</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		<b>BS/1985/Civil Engineering</b>	
Active registration number / state / expiration date		<b>#23455/Louisiana/09.30.2025</b>	
Year registered	<b>1989</b>	Discipline	<b>Civil Engineering</b>
Contract role(s) / brief description of responsibilities		<b>Mr. Oliver will serve as Construction Support for this contract.</b>	
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).		
<b>35 years of experience</b>	<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>		
<b>2019</b>	<b>Verot School Rd (Vincent - EX. 5-L) Lafayette, LA:</b> 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.		
<b>2019</b>	<b>US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Broussard, LA:</b> 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.		
<b>2017</b>	<b>Verot School Road Outfall Drainage Improvement Lafayette, LA:</b> 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.		
<b>2011</b>	<b>Historic Parkerson Avenue Redevelopment Project Crowley, LA:</b> 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 <b>ECM Consultants, Inc.</b>					
Name		Blake Guidry, P.E.		Years of relevant experience with this employer	5
Title		Civil 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 Construction Support 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).			
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.			
03/23- On going		H.013025 University Avenue Phase 1: 100’ S RR-500’ S I-10 EB Ramp: Mr. Guidry serves as <b>Project Engineer</b> for this Construction Engineering and Inspection ( <b>CE&amp; I</b> ) project for Lafayette Consolidated Government (LCG) administered through LADOTD. This is a corridor enhancement and road diet project on University Avenue (formerly LA 182) in Lafayette Parish. The work included rehabilitation of the existing concrete pavement and curbs, overlay of the existing pavement, earth work, class II base course, PCCP patching, drainage structures, pavement markings, sidewalks and drives, handicap ramps, lighting, and green infrastructure and landscaping. Mr. Guidry acts as the contact for the LADOTD Project Coordinator and Lafayette Parish. His responsibilities included overseeing inspections, reviewing contractor pay requests, preparing change orders, document management, entering data in SiteManager and Headlight, and project closeout documentation for final acceptance, including the 2059.			
02/23-10/23		H.012863 Cypress Island Highway Pavement Preservation: Mr. Guidry served as <b>Project Engineer</b> for the Construction Inspection and Engineering project for St. Martin Parish Government administered through LADOTD. This pavement preservation project included milling asphalt concrete, pavement patching, asphalt concrete overlay, rumble strips, striping, guardrail replacement, and related work. Mr. Guidry acted as the contact for the LADOTD Project Coordinator and St. Martin Parish Government. His responsibilities included overseeing inspections, reviewing contractor pay requests, preparing change orders, document management, entering data in SiteManager and headlight, and project closeout documentation for final acceptance, including the 2059.			
10/17-07/19		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. He was involved in <b>Project Design</b> and Development, Public Outreach, working with City officials, Public Meetings, and Design and <b>Constructability reviews</b> . 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 <b>pavement</b> and implementing a “road diet” and access management to incorporate bicycle and pedestrian friendly concepts and safety improvements including a <b>roundabout</b> installation at the intersection of Lobdell and Government Street.			
09/17 – 04/19		S.P. H.010560: Essen Lane Widening, East Baton Rouge Parish, LA Mr. Guidry served as the <b>Project Engineer</b> 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			

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

	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.
02/14 – 06/15	<b>H.010638 – River Rd: Government St – Centerville St:</b> Mr. Guidry served as an <b>Assistant Project Engineer</b> 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 to notify the local public for lane closures. His responsibilities for <b>contract administration</b> 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.
05/22-08/23	<b>H.010867 Jude and Placide Road Bridges:</b> Mr. Guidry served as Project Engineer for this construction Engineering and inspection (CE&I) project involving the removal and replacement of existing timber bridges on Jude and Placide Road in Vermillion Parish. The work included the installation of cast in place concrete flat deck bridges and approach slabs, base work, asphalt paving, and drainage work. The drainage work consisted of closing in the existing ditches on either side of both bridges with storm drainpipe, catch basins and manholes, outfall pipes and riprap, and safety end treatments. Mr. Guidry acted as the contact for the LADOTD Project Coordinator and Vermillion Parish. His responsibilities included overseeing inspections, reviewing contractor pay requests, preparing change orders, document management, entering data in SiteManager and headlight, and project closeout documentation for final acceptance, including the 2059.
08/19-10/20	<b>S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA.</b> Mr. Guidry served as <b>Assistant Project Engineer</b> for this <b>\$72 million</b> design-build project to widen I-10 from four to <b>six lanes</b> 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 <b>I-10 bridge</b> 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.
12/16- 06/18	<b>H.000351 District 61 Bridge Deck, Joint, and Miscellaneous Repairs, East Baton Rouge, LA:</b> Mr. Guidry served as <b>DOTD Assistant Project Engineer</b> for this <b>\$6.1 Million construction inspection project</b> 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 <b>I-10 overpass</b> at College Drive, the LA 67 bridge over US 61, the interchange of US 61 and I-10, and <b>the flyover connecting I-12 westbound to I-10 east bound</b> . 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 <b>contract administration</b> duties included project coordination, attending progress meetings, document management, data entry in <b>SiteManager</b> , 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.
08/19 – 05/20	<b>H.006531 – Roundabout at Girard Park and Hospital Dr:</b> Mr. Guidry served as <b>Project Engineer</b> for this construction Engineering and inspection (CE&I) project involving the construction of a <b>Portland cement concrete pavement (PCCP)</b> 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 <b>contract administration</b> 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	<b>H.012233 – LA 3064 to LA 1248 Phase I Dijon Drive Extension:</b> Mr. Guidry served as the <b>DOTD Coordinator</b> in the Project Engineer's office for this <b>\$8.3 million new construction project</b> providing access to the Our Lady of the Lake Children's Hospital in East Baton Rouge Parish. Mr. Guidry served as the <b>contract administrator</b> 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 <b>contract administration</b> duties included <b>public relations</b> , supervision of <b>SiteManager</b> 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 <b>ECM Consultants, Inc.</b>			
Name	<b>Marvin May</b>		Years of relevant experience with this employer
Title	<b>Senior CAD Technician</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		<b>1999 / AutoCAD Drafting</b>	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		<b>Mr. May will provide CAD services for this project.</b>	
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).		
<b>22 years of experience</b>	<i>Mr. May has over 22 years of experience in AutoCAD drafting. His experience includes preparation of plan and profiles, cross sections and miscellaneous details for fixed and movable bridges, roadway, drainage, and utilities projects. He is trained in both AutoCAD and MicroStation V8.2. Mr. May will provide CAD services for this project.</i>		
<b>02/15-11/17</b>	<b>Glen Oaks Drive, City of Baton Rouge DPW; Baton Rouge, LA:</b> Mr. May provided CAD services for this reconstruction project that included design for construction of a three-lane concrete roadway with turn lanes at several sideroad intersections. Work also included 6-foot sidewalks, ADA compliant ramps at intersections and subsurface drainage improvements along a one-mile of the existing Urban Collector roadway. He prepared plans and profiles, typical sections, roadway, drainage and misc. details.		
<b>01/13-07/16</b>	<b>FEMA Recovery Roads, St. Bernard and City Park Neighborhood, City of New Orleans-DPW, LA:</b> Mr. May provided CAD services for FEMA eligible repairs in the St. Bernard and City Park neighborhoods. Work included drainage, pavement, curb and sidewalk repairs. Roadway rehabilitation primarily involved removal and replacement of damaged base with new base, cold milling and asphalt overlay. The project also included utility adjustments and new ADA compliant ramps for sidewalks at all intersections.		
<b>ongoing</b>	<b>Latigue Road, JPDWP, Jefferson Parish, LA:</b> Mr. May provided CAD Support on this project that involved preparation of plans and details for a new two-lane asphalt roadway and reconstruction of existing roadways with asphaltic concrete roadway, curb and gutters, and drainage		
<b>01/05-06/10</b>	<b>Lapalco Boulevard Improvements (US 90 to Segnette Blvd), Jefferson Parish-DPW/LADOTD; Jefferson Parish, LA:</b> Mr. May provided CAD drafting for this project which involved and preparation of plans and details for widening of existing roadway and construction of new roadway. This included cold planing, base repairs, curb repairs, drainage improvements, asphalt leveling and wearing course, striping for the existing two-lane street, and roadway plans and profiles, sections and details, including drainage for construction of two additional lanes with a median.		
<b>08/07-12/08</b>	<b>Improvements to Manhattan Blvd (11th St to Gretna Blvd), SP No. 742-26-0048, JP DPW No. 2002-002-RBI:</b> Mr. May provided CAD drafting services for this \$1.3 million project involving asphalt roadway and intersection rehabilitation improvements to Manhattan Boulevard from 11th Street to Gretna Boulevard in Jefferson Parish. Turn lane improvements were also performed within the limits of construction.		
<b>09/16-2/18</b>	<b>Gravier Street Improvements (S. Galvez to S. Broad), City of New Orleans DPW, New Orleans, LA:</b> Mr. May is providing CAD support for this \$4.8 million project which consisted of design, preparation of plans and specifications, and cost estimates for roadway reconstruction including storm drainage, sidewalk improvements, and water and sewer improvements.		
<b>05/14-11/17</b>	<b>Jefferson Avenue (S. Claiborne to Dryades), USACE-NOD; New Orleans, LA:</b> Mr. May provided CAD services for this project extending from S. Claiborne Avenue to Dryades Street. The project involved a concrete drainage box culvert and improvements to roadways, intersections, and utility relocation.		
<b>01/09-07/11</b>	<b>Napoleon Avenue (Between S. Claiborne and Carondelet Street), Sewerage and Water Board of New Orleans and USACE, New Orleans, LA:</b> Mr. May provided CAD drafting services for this \$55 million reconstruction of Napoleon Ave between South Claiborne Ave and Carondelet St, in connection with construction of a drainage box canal at the median of Napoleon Ave. This project included design for intersections within the project limits as well as new subsurface drainage.		

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

## 16. Staff Experience:

Firm employed by <b>ECM Consultants, Inc.</b>				
Name	Alexandra Dupuis		Years of relevant experience with this employer	>1
Title	CAD Technician		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			2017/AutoCAD Drafting	
Active registration number/state/expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Ms. Dupuis will serve as a CAD Technician for this project.	
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
7 years of experience		Ms. Dupuis has more than 7 years of experience in AutoCAD drafting. Her experience includes creating 3D models and making 2D out of the 3D models, preparing layouts as directed by engineers/architects, preparation of plans and profiles, X-sections and various details for roadways, drainage, and utilities system projects. The following are examples of his relevant experience::		
Ongoing		Transit Improvement Design for District 2, Jefferson Parish, LA: Ms. Dupuis provides CAD services for the changes being made to 252 bus stops that follow the latest standards given by the Jefferson Parish, LA DOTD, and AASHTO. The project includes photos of bus stop locations with documentation of changes being made to follow updated standards. The views of the bus stops will be designed to include detailed information on proposed concrete layouts, dimensions, street name callouts, and placement of bus stop signs.		
Ongoing		Chateau Elementary School-Hurricane Ida Repairs, Kenner, LA: Ms. Dupuis provided CAD services to Chateau Elementary School in Kenner, Louisiana by designing plans and adding information on damage repairs that needed to be done because of the hurricane. She created and modified floor plans that have detailed callouts referencing to photos of damage done by hurricane. Photos are then documented with descriptions of damage and what needs to be repaired. Floor plans, details, and photos document repairs to floors, walls, and ceilings of school building.		
Ongoing		Grand Isle Water Systems Improvements, Grand Isle, LA: Ms. Dupuis provided CAD services by designing one-line piping diagrams to show the chemical feed systems at the East Grand Isle and Cheniere sites. The one-line piping diagrams consist of showing how the chemicals from the ammonia room flow through the pipes and how they travel to specific designated areas where needed. The diagram also includes an equipment list that is required for each individual site.		
Ongoing		Hope Haven Main Building, Marrero, LA: Ms. Dupuis is providing CAD services by preparing restoration plans for Hope Haven. The project includes the breakdown of damaged material that is identified in floor plans of building and suggested routes of construction walkway. Photos have been included in plans to show physical damage done to the structure. Roof plans are also incorporated in blueprints with documentation of damage and photos as well. The shoring layouts have also been designed to show locations, dimensions, and material need for restoration after debris and damage has been removed.		
Ongoing		HANO On Call AE Services for Agency Wide Housing Communities and Scattered Sites, New Orleans, LA: Ms. Dupuis provides CAD services to design changes to the interior of Guste III Community, Lafitte Senior Housing, and Fisher Senior Housing to apply modernization and redevelopment of multi-family housing units in New Orleans. She has designed site plans, floor plans, and detailed views to describe and callout changes being applied to units. Data tables are created to show scope of work for units that show the work item description, quantity, and reference notes/reports. Detailed views offer layouts of changes being done to kitchen and bathroom and consist of appliance callouts, dimensioning, and notes that describe and offer information of changes needed to be done per unit.		

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

## 16. Staff Experience:

Firm employed by: <b>SJB Group, L.L.C</b>			
Name	<b>Matthew Estopinal, PE, PLS</b>		Years of relevant experience with this employer
Title	<b>Principal &amp; CEO</b>		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Bachelor of Science in Civil Engineering / 2009 / Louisiana State University Bachelor of Science in Microbiology / 1996 / Louisiana State University		
Active registration number / state / expiration date	PE.0039151   Louisiana   3/31/2025   Registered 2014   Professional Engineer - Civil		
Year registered	2014/2006	Discipline	PLS.0004955   Louisiana   3/31/2025   Registered 2006   Professional Land Surveyor PE.122184   Tennessee   1/31/2025   Registered 2019   Professional Engineer - Civil PE.32982   Mississippi   12/31/2024   Registered 2022   Professional Engineer - Civil PE.145117   Texas   3/31/2024   Registered 2022   Professional Engineer - Civil
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).		
<b>18 years of experience</b>	<i>QA/QC, Mr. Estopinal has 18 years of experience as a PLS in Louisiana managing transportation and community development related projects for private clients, MoveBR, and LA DOTD. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.</i>		
<b>4/23 – 9/23</b>	<b>LA DOTD Project No. H.017322.5 – Morgan City Sidewalks &amp; Shared Use Path, St. Mary Parish</b> QA/QC. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.		
<b>3/22 – 8/23</b>	<b>LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements</b> QA/QC. This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.		
<b>7/21 – 8/23</b>	<b>LA DOTD Project No. H.004100.5 – I-10: LA 415 to Essen on I-10 and I-12</b> QA/QC. This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility. The project also included the creation of Base Right-of-Way Maps; Final Right-of-Way Map set of original matte films; drawing files; along with a pdf copy of the Full Title Research Report with affected parcel number and an ASCII parcel input file descriptions for approximately 125 parcels.		
<b>11/22 – 4/23</b>	<b>City-Parish Project No. 20-CP-US-0099 – MoveBR – Airline Highway North (Florida Boulevard to I-110)</b>		

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

	QA/QC. Sub to Huval and Associates. This project involved a Corridor LiDAR Survey and Quality Level "D" Subsurface Utility Engineering services on portions of northbound Airline Highway between Florida Boulevard and I-110 for the proposed improvements of the four-lane divided arterial to increase capacity and safety in the area as well as improve pedestrian movement through the corridor. Mobile LiDAR Data was gathered using a Trimble MX50, LadyBug, NovAtel Positioning, and Velodyne LiDAR. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
11/21 – 12-21	<b>Conway Development Topographic Survey</b> <i>Project Manager.</i> Sub to Novus Reb Engineering. This project involved a Topographic Survey of a tract in the Conway development and was limited to running cross-sections through the project limits. Shots were taken with the use of a robotic total station and 360d prism mounted on a closed cab UTV. Horizontal and vertical control was established at the site with Leica SmartNET RTN. All surveying was performed to LADOTD Location & Survey Section requirements.
3/22 - Ongoing	<b>The Settlement on Shoe Creek – Phase 2 of 3</b> QA/QC. This project involved professional engineering and land surveying services for The Settlement on Shoe Creek for development phase 2 of 3, which covers approximately 225 residential lots. This included Topographic Surveys, preliminary plats, ALTA surveys, As-Built Surveys, LOMR-F preparation and submission, and final plats. Project control was established using a Leica HxGN SmartNet as an RTN. All surveying was performed according the rules and regulations set forth by the Louisiana Professional Engineering and Land Surveying Board.

## 16. Staff Experience:

Firm employed by: <b>SJB Group, L.L.C</b>			
Name	<b>Charles “Tim” Brewer</b>		Years of relevant experience with this employer
Title	<b>Vice President of Surveying</b>		<b>2</b>
Degree(s) / Years / Specialization		Bachelor of Science in Forestry Management / 1988 / Mississippi State University	
Active registration number / state / expiration date		PLS.0005009   Louisiana   9/30/2025   Registered 2009   Professional Land Surveyor	
Year registered	<b>2009</b>	Discipline	PLS.35341-S   Alabama   12/31/2025   Registered 2015   Professional Land Surveyor RPLS.6142   Texas   12/31/2025   Registered 2010   Reg. Professional Land Surveyor PS.1683   Arkansas   6/30/2025   Registered 2009   Professional Surveyor LS.2726   Tennessee   12/31/2025   Registered 2008   Land Surveyor 80756RPP   Oregon   12/31/2025   Registered 2008   Reg. Professional Photogrammetrist PS.2766   Mississippi   12/31/2025   Registered 1999   Professional Land Surveyor RF.1286   Mississippi   12/31/2025   Registered 1988   Registered Forrester
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).		
<b>30 years of experience</b>	<i>Project Manager, Mr. Brewer, has over 30 years of survey experience and over 15 years of experience managing a wide variety of surveying projects for USACE, MDOT, LADOTD, MoveBR, MoveAscension, and private clients. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.</i>		
<b>10/23 - ongoing</b>	<b>LA DOTD Project No. H005121 LA 1 – LA 415 Connector</b> <i>Project Manager. The project provides field data for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits include a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project includes the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDaR methods are utilized for the collection of data along the high traffic segments of LA 1 and processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being</i>		

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

	conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.
<b>04/23 – 09/23</b>	<b>LA DOTD Project No. H.017322.5 – Morgan City Sidewalks &amp; Shared Use Path, St. Mary Parish</b> <i>Surveyor of Record/Project Manager.</i> Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.
<b>08/20 – 09/23</b>	<b>LA DOTD Contract No. H4400017597 – Rural Bridge Replacement Initiative</b> <i>Project Manager.</i> Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were used. All surveying was performed to LADOTD Location & Survey Section requirements.
<b>03/22 – 8/22</b>	<b>LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements</b> <i>Project Manager.</i> This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.
<b>6/21 - Ongoing</b>	<b>LA DOTD Project No. H.004100.5 – I-10: LA 415 to Essen on I-10 and I-12</b> <i>Project Manager.</i> SJB Group performed the property surveying along a 4.4-mile stretch of Interstate 10 from St. Joseph St. to College Dr. in East Baton Rouge Parish, Louisiana for the Louisiana Department of Transportation and Development's widening project. This project required extensive title research to acquire the necessary existing surveys and deeds (in addition to the substantial amount of review of the title research reports supplied to SJB by LADOTD). It also required field surveying and mapping of in excess of one hundred twenty five parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage servitudes, a railroad right-of-way, and numerous side streets in the heart of Baton Rouge, all of which SJB surveyed and mapped.

## 16. Staff Experience:

Firm employed by: <b>APS Engineering and Testing, LLC</b>			
Name	<b>Sergio Aviles, P.E., M. ASCE</b>		Years of experience with this firm/employer <b>12</b>
Title	<b>President</b>		Years of experience with other firm(s)/employer(s) <b>10</b>
Degree(s) / Years / Specialization		<b>BS Civil Engineering/ 2001/ Civil Engineering</b>	
Active registration number / state / expiration date		<b>0033571/ LA / 03-31-2026</b>	
Year registered	<b>2007</b>	Discipline	<b>Civil Engineering</b>
Contract role(s) / brief description of responsibilities		<b>Geotechnical Evaluation and QA/QC for Lab and field testing</b>	
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).		
<b>22 years of experience</b>	<u>TRAINING:</u> <i>NHI certifications Courses: Design &amp; Implementation of Erosion &amp; 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.</i> <i>Pile Dynamic Analysis (PDA), WEAP, &amp; CAPWAP</i> <i>Microsoft Visual Studio .NET programming course at LSU, and Microsoft Office Suite.</i> <i>Work Zone Traffic Technician and Flagger Certifications</i>		
<b>11/22–Present</b>	<b>Project No. H.001344 US 190: LA 437 to US 190 BUS:</b> 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.		
<b>03/23–Present</b>	<b>Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:</b> 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.		
<b>01/22–5/24</b>	<b>Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:</b> 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.		
<b>01/19–Present</b>	<b>Project No.2012-FEMA-1B-1: Westend Group:</b> 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.**

<b>05/19–Present</b>	<b>Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon):</b> 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.
<b>04/19–Present</b>	<b>Project No. H.011795: Westwood Drive (WB Expressway to Lapalco):</b> 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.
<b>05/18–12/20</b>	<b>Project No.H.009250: I-10: Highland to LA 73:</b> 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.
<b>04/18–11/18</b>	<b>Phase I Project No. H.011798: Airline Park Blvd:</b> 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 <b>A P S Engineering and Testing, LLC</b>					
Name	<b>Sairam (Sai) Eddanapudi, M.S., P.E.</b>			Years of experience with this firm/employer	<b>10</b>
Title	<b>Chief Engineer</b>			Years of experience with other firm(s)/employer(s)	<b>8</b>
Degree(s) / Years / Specialization			<b>ME/ 2002 / Civil Engineering BE /1999 / Civil Engineering</b>		
Active registration number / state / expiration date			<b>0035129/ LA / 03-31-2024</b>		
Year	<b>2008</b>	Discipline	<b>Civil Engineering</b>		
Contract role(s) / brief description of responsibilities			<b>Laboratory QA Manager. Will also be in charge all daily operation of the project</b>		
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).				
<b>05/2018-01/2020</b>	<b>Project No. H.009250: I-10- Highland to LA 73-</b> 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. Eddanapudi was the project manager for QA testing.				
<b>01/2019- Present</b>	<b>Project No. 2012-FEMA-1B-1-Westend Group-</b> 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. Eddanapudi is the project manager for QA testing.				
<b>04/2019 -Present</b>	<b>Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)-</b> 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. Eddanapudi is the project manager for QA testing.				
<b>05/2019 -Present</b>	<b>Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II-</b> 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. Eddanapudi is the project manager for QA testing.				
<b>04/18 – 11/18</b>	<b>Project No. H.011798: Airline Park Blvd Phase I:</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures.				
<b>02/17-10/17</b>	<b>Project No. H.002861 Earhart Expressway/Causeway Boulevard:</b> APS was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. APS engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load- length curves. Mr. Sai Eddanapudi was the project engineer to the Geotechnical investigations and analysis as assigned for project design.				


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

## 16. Staff Experience:

Firm employed by			
Name	<b>Akhil Chauhan, PE, PTOE, PTP, PMP</b>	Years of relevant experience with this employer	<b>16</b>
Title	<b>Principal Engineer</b>	Years of relevant experience with other employer(s)	<b>6</b>
Degree(s) / Years / Specialization		<b>MS / 2003 / Transportation Engineering, Massachusetts Institute of Technology</b> <b>BS / 2001 / Civil Engineering, Indian Institute of Technology</b>	
Active registration number / state / expiration date		<b>PE.033703 / LA / Exp. 09/2026; PTOE #2544 / USA / Exp. 11/2026;</b> <b>PTP #246 / USA / Exp. 12/2024; PMP #1444676 / PA / Exp. 08/2025</b>	
Year registered	<b>2008</b>	Discipline	<b>Civil Engineering</b>
Contract role(s) / brief description of responsibilities.		<b>Traffic and Safety Technical Advisor</b>	
Experience dates	Experience and qualifications relevant to the proposed contract		
<b>22 years of experience</b>	<i>Mr. Chauhan is a principal traffic engineer with more than 20 years of applied research and industry experience in the fields of highway safety, traffic engineering, traffic modeling and simulation, transportation planning, demand modeling/forecasting, intersection/corridor analysis, safety studies, NEPA studies, and access management. Akhil has successfully led, managed, and mentored numerous projects and personnel related to transportation modeling, simulation, and planning for public agency clients located across the nation including several state Departments of Transportation. He is proficient in the use of many macro-, meso-, and microscopic traffic simulation software programs such as HCS, Vistro, Synchro, SIDRA, Vissim, MITSIM, Dynameq, DynaMIT, TransCAD, Visum, and OREMS. Mr. Chauhan has completed the LADOTD Traffic Engineering Process and Report Training.</i>		
<b>04/16 – 09/18</b>	<b>New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA.</b> Principal Engineer & Technical Advisor. Preparation of pedestrian safety study for 20 intersections with high occurrence of pedestrian safety issues - especially between motorized and non-motorized travel modes. Scope of services include data collection (for both vehicles and pedestrians), analysis of existing traffic conditions, historical crash data evaluation, investigation of safety deficiencies at each intersection, recommendation of safety improvements such as traffic signal improvements, intersection striping improvements, signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming, ADA compliance including curb ramps, and parking modifications, analysis of alternatives and conceptual layout development, cost estimates, and Stage 0 checklists.		
<b>02/18 – 06/21</b>	<b>Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA.</b> Principal Engineer. Responsible for contract management and technical advisory for the project, which involved the development of a Pedestrian and Bicycle Safety Action Plan (PBSAP). Arcadis developed screening criteria based on crash data and socioeconomic data to identify high priority locations with a history of pedestrian and/or bicycle crashes, and performed Road Safety Assessments (RSAs) at 10 priority locations to identify safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.		
<b>12/13 – 06/15</b>	<b>LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA.</b> <i>Project Manager and Principal Engineer.</i> Responsible for the preparation of a formal corridor safety study that analyzed alternatives and enhanced safety and mobility on LA 3235. Main tasks included traffic data collection, warrant studies, traffic analysis, safety analysis, development of conceptual layouts, and public outreach. Intersections found to warrant signalization were also modeled in unconventional designs including RCUT, MUT, and Continuous T-intersections. Safety performance of alternatives was estimated using Highways Safety Manual predictive methods. Preliminary cost estimates and conceptual layout drawings were also produced. Stage 0 checklists were complete as part of study documentation.		
<b>12/13 – 05/15</b>	<b>Joe Sevario / Roddy Road Stage 0 Safety Feasibility Study, LADOTD, Ascension Parish, LA.</b> Project Manager and Principal Engineer. Evaluation of roundabouts at 10 stop-controlled intersections along Joe Sevario / Roddy Road, from US 61 to LA 42, a length of approximately 7.2 miles. Main tasks include traffic data collection, crash analysis, capacity analysis, safety analysis, review of existing pipelines and other municipal utilities, alternatives analysis, design development, and cost estimates.		

<b>04/16 – 10/19</b>	<b>I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA.</b> Principal Engineer. Responsible for contract management and technical advisory of project tasks. Arcadis researched best practices around the country to develop potential alternatives. Highway Safety Manual methods were applied to quantify the safety performance of proposed alternatives. Traffic analysis was performed using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Conceptual drawings and construction cost estimates were developed to evaluate the feasibility of proposed alternatives.
<b>02/15 – 08/17</b>	<b>US 71 Corridor - Phase II Stage 0 Feasibility Study, LADOTD; Rapides Parish, LA.</b> Principal Engineer. Responsible for overseeing the preparation of a traffic and safety study for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Main tasks included traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Arcadis developed alternatives to address identified needs on US 71 using a data driven, tiered analysis approach. Alternatives were developed in close coordination with District 08 staff to better understand project needs and incorporate context sensitive solutions.
<b>02/17 – 02/18</b>	<b>I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA.</b> Principal Engineer. Responsible for contract management and technical advisory for project tasks including data collection and analysis, traffic and safety analysis, and conceptual design drawings. Purpose of the project was to identify feasible improvement alternatives to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.
<b>04/16 – Ongoing</b>	<b>Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA.</b> Principal Engineer. Responsible for contract management and deliverables for the project which included traffic and safety analysis, alternative screening and analysis, preliminary roadway and bridge design, line and grade, Interchange Modification Report, and Environmental Assessment. Purpose of the project is to improving operations and safety along Range Avenue at the I-12 interchange and along I-12. Design alternatives included two split diamond interchange options with roundabout, partial cloverleafs, and collector distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16), and a diverging diamond interchange alternative at Range Avenue.
<b>11/20 – Ongoing</b>	<b>I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.</b> Principal Engineer. Responsible for technical advisory and QAQC of all traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of Interstate-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.


## 16. Staff Experience:

Firm employed by				
Name	Kester Hollier, PE, PTOE		Years of relevant experience with this employer	3
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			BS / 2004 / Civil Engineering, Louisiana Tech University	
Active registration number / state / expiration date			PE.034304 / LA / Exp. 03/2025; PTOE #3928 / USA / Exp. 11/2024	
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Traffic Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract			
19 years of experience	Mr. Hollier possesses a wide breadth of experience in the field of transportation engineering including feasibility studies, traffic engineering, signal timing and design, roadway design, complete street improvement projects, roadway safety analysis and design, and construction management and inspection. Working on a wide variety of projects from the planning and conceptual phases to the design and construction phases, has given him the experience to help identify the needs and requirements for projects. This experience allows him to understand stakeholders ranging from local public agencies to state DOTs and helps provide expertise in achieving successful solutions for a variety of projects. Mr. Hollier has completed LADOTD Traffic Engineering Process and Report Training.			
03/22 – 03/23	City of Mandeville Pedestrian and Bicycle Plan, New Orleans Regional Planning Commission (NORPC), Mandeville, LA. Senior Traffic Engineer. The study covered an area of approximately 34 square miles, encompassing the Tammany Trace and historic Old Mandeville, where pedestrian and bicycle traffic was significant. With a focus on increasing accessibility and safety, the study identified gaps in the existing active transportation network and proposed solutions based on industry guidelines and best practices. The project involved data collection, public engagement, strategy development, and policy recommendations to support the implementation of a comprehensive plan that addressed the needs of the community.			
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. Traffic/Civil Engineer. Responsible for the design of traffic control and construction sequencing, pavement marking layout, quantity analysis, cost estimates, and quality control for a new interchange at LA 3139 (Earhart Expwy.) and LA 3046 (Causeway Blvd.) in Jefferson Parish, LA. Provided review for the interchange traffic sign and traffic signal timings and design. Identified all necessary design waivers and design exceptions required for LADOTD approval. Provided geometric layout design, typical section design and review, and joint layout design for several interchange ramps and underpasses.			
09/12 – 02/16	Stage 0 Feasibility Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. Traffic Engineer. Responsible for the feasibility study and traffic analysis along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives that will be proposed to replace the existing Belle Chasse Tunnel and lift bridge over the Intercoastal Waterway. These alternatives included 3%, 4%, and 5% bridge grades that modified roadway geometry and intersection location. Responsible for the review of the roadway portion and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.			
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Project Manager. Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation managemnet plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive historical crash and safety analysis is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.			
06/13– 04/14	US 190 Stage 0 Feasibility Study, LADOTD, St. Tammany, LA. Traffic Engineer. Responsible for roundabout geometric design and pedestrian and bike path design along the US 190 corridor in the City of Slidell and St. Tammany Parish to improve safety for motorized and non-motorized roadway users.			

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

<b>11/17 – 07/20</b>	<b>LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA.</b> Project Manager / Traffic Engineer. Responsible for the traffic study and impacts for the proposed complete streets improvements along the LA 466 corridor between LA 23 and Richard St. in Gretna, Louisiana. Tasks included data collection along the corridor and at designated intersections, safety and crash analysis along the corridor, trip generation/land use and performing existing traffic analysis and future traffic analysis for proposed final alternative. The traffic study was prepared to follow the Louisiana Department of Transportation and Development's Traffic Engineering Process and Report Guidelines. The project also included a stand alone pedestrian study along the corridor at designated intersection and the design of accessible pedestrian signals at signalized intersections.
<b>12/17 – 11/19</b>	<b>Causeway Boulevard Widening Traffic Study, Jefferson Parish, LA.</b> Project Manager / Traffic Engineer. Responsible for the traffic and safety study for the proposed widening of Causeway Boulevard between Metairie Rd. and West Esplanade Blvd. in Jefferson Parish, LA. Tasks included data collection, traffic volume redistribution, left-turn placement and turn bay storage length, and existing traffic analysis and future traffic analysis of a preferred alternative.
<b>10/18 – 01/19</b>	<b>LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA.</b> Traffic Engineer. Responsible for the development of three future alternatives along Northshore Boulevard between I-12 and US 190 in Slidell, LA. Managed the data collection process and peak period observations to determine existing traffic patterns as well as the safety analysis along the corridor. Developed three alternatives that used a combination of traffic signal retiming, J-turns, and roundabouts to provide better access management along Northshore Boulevard as well as improve traffic flow in the corridor for current and proposed future conditions with consideration given to proposed future developments using trip generation and land use analysis.
<b>01/10 – 04/11, 07/13 – 01/14</b>	<b>Stumberg Lane Extension, City of Baton Rouge Green Light Plan, East Baton Rouge Parish, LA.</b> Traffic Engineer. Responsible for the design of new traffic signals at US 61 (Airline Highway) and LA 73 (Jefferson Highway) for the extension of Stumberg Lane in Baton Rouge, LA. Also, responsible for the design and layout of the fiber optic interconnect along the proposed extension.
<b>05/09 – 07/13</b>	<b>LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA.</b> Traffic/Civil Engineer. Responsible for the road design and geometrics for the widening of LA 23 in Jefferson and Plaquemines Parishes between Lapalco Blvd. (LA 428) and Engineers Rd. (LA 3017). Developed traffic analysis for the traffic signal timing and required turn bay lengths at intersections. Developed traffic signing plans, pavement marking layouts and temporary traffic control plans.

## 16. Staff Experience:

Firm employed by			
Name	Max Aguirre, PhD, PE, RSP, PTOE	Years of relevant experience with this employer	5
Title	Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		PhD / 2018 / Engineering Science, LSU MS / 2015 / Construction Management, LSU; BS / 2013 / Civil Engineering, LSU	
Active registration number / state / expiration date		PE. 052016/ NC / Exp. 12/31/2024; PE. 0047579/ LA / Exp. 09/30/2025; RSP2I #182 / USA / Exp. 7/2027; PTOE: 5291/ Exp 07/2025	
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
<b>6 years of experience</b>	<i>Dr. Aguirre is a Professional Engineer in the state of North Carolina and a Road Safety Professional. Over the course of his academic career, Dr. Aguirre has served as a Graduate Research Assistant and participated in multiple field-related organizations. Dr. Aguirre has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, feasibility studies, pedestrian and bicycle improvements, permanent signing design, signal design, and NEPA studies. He is also familiar with the Highway Capacity Manual, Highway Safety Manual, MUTCD, and AASHTO "Green Book". Dr. Aguirre is also knowledgeable in the application of several software programs including IHSDM, SYNCHRO, GuidSIGN, HCS and MicroStation software. Dr. Aguirre has completed LADOTD Traffic Engineering Process and Report Training.</i>		
09/19 – 06/21	<b>Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA.</b> Traffic Engineer. Assisted with the assessment of existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of screening criteria to identify high priority locations with a history of pedestrian and/or bicycle crashes. Assisted in the development of Road Safety Assessments (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.		
09/19 – Ongoing	<b>Interchange Feasibility – I-49 (Ricohoc to Berwick) Supplemental Environmental Impact Assessment, LADOTD, St. Mary Parish, LA.</b> Traffic Engineer. Assist in project tasks involving planning and evaluation of different interchange alternatives and their geometric design, socio-economic impacts, mobility impacts, and environmental impacts.		
10/19 – 07/21	<b>I-10 New Orleans to Slidell Hard Shoulder Running Feasibility Study, LADOTD, Orleans Parish, LA.</b> Traffic Engineer. Purpose of the project was to evaluate the feasibility of implementing HSR lanes along I-10 to alleviate existing bottlenecks and congestion along critical segments of the corridor. Assisted in the development of conceptual drawings and typical sections for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell.		
08/19 – 02/20	<b>US 61 Access Management and Corridor Improvements (Airline Hwy) Feasibility Study, LADOTD, East Baton Rouge Parish, LA.</b> Traffic Engineer. Project purpose was to evaluate the effectiveness of proposed access management improvements along US 61 and identify feasible alternatives to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted in conducting traffic analysis and the development of benefit-cost analysis to compare the effectiveness of the proposed alternatives.		
11/20 – Ongoing	<b>I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.</b> Traffic Engineer. Assisting in traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Assisted in the development of existing condition safety analysis including tasks such as crash data analysis, collision diagrams, and crash report documentation.		

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

## 17. Firm Experience:

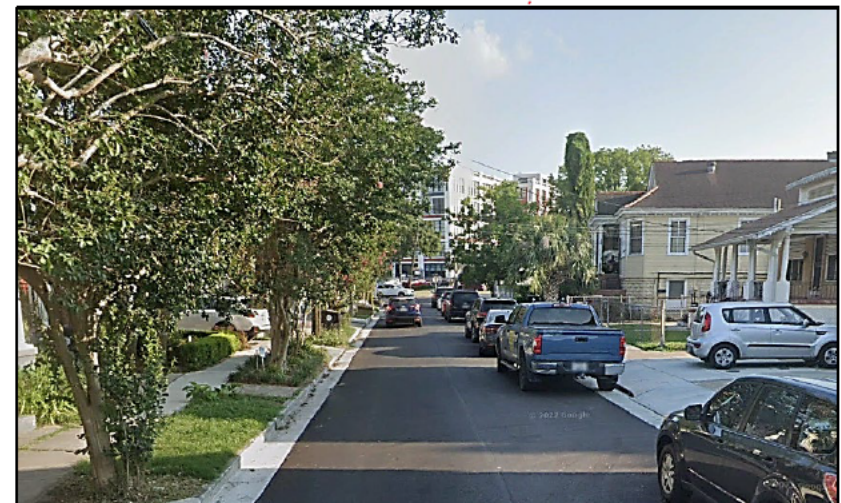
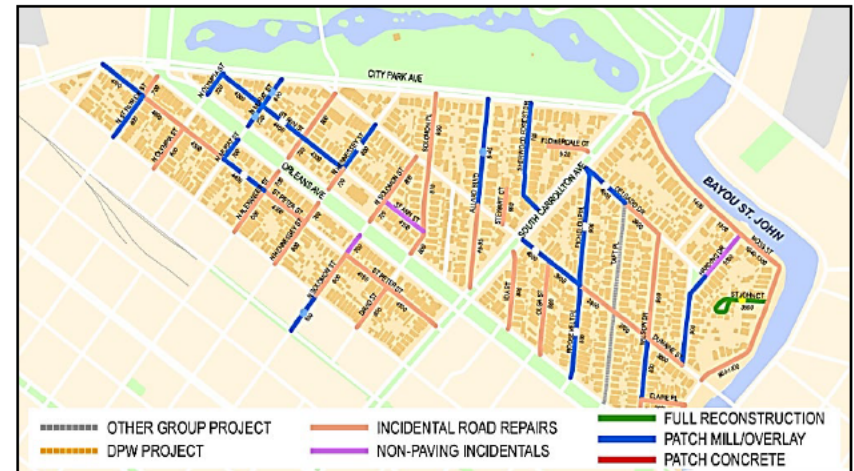
Firm Name	<b>ECM Consultants, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>Road</b>
Project Name	<b>City Park Neighborhood Roadway Improvements- Group- A</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>RR025</b>	Owner's name	<b>City of New Orleans-DPW</b>	
Project location	<b>Orleans Parish</b>		Owner's Project Manager	<b>Khalid L. Saleh, P.E.</b>
Owner's address, phone, email	<b>1300 Perdido Street, New Orleans, LA 70112, 504-865-0659, Khalid.saleh@nola.gov</b>			
Services commenced by this firm (mm/yy)	<b>10/18</b>	Total consultant contract cost (\$1,000's)		<b>\$ 776</b>
Services completed by this firm (mm/yy)	<b>10/23</b>	Cost of consultant services provided by this firm (\$1,000's)		<b>\$ 643</b>

ECM provided **engineering design** for schematic, preliminary, plan-in-hand, pre-final, advance check and final plans and prepared PS&E conforming to City of New Orleans General Specifications for Street Paving for the streets in the City Park Neighborhood- Group A project. This project is a part of a FEMA funded roadway capital improvement program for the City of New Orleans. Total construction cost of the entire project is **\$8.6 million**.

ECM provided engineering design for all the streets in the City Park Group-A project that included **reconstruction and rehabilitation of 31 blocks of roadway** including intersections. Roadway work in general included PCC and asphalt pavement, curb and gutter, roadway intersections with handicap ramps conforming to current ADA standards, sidewalk, driveways, and subsurface drainage system repairs and upgrades. **Roadway reconstruction work included roadway removal, scarifying, adding geotextile fabrics and aggregate base, grading and compacting, paving with curb and gutter. Roadway rehabilitation work included milling, patching, base repairs, and asphalt overlay**

ECM was responsible for coordination for **topographic and subsurface utility survey**, field verification of survey data; coordination with S&WBNO, Entergy, AT&T and other private utilities entities for providing location and depth of their utilities and including their information in the plan and profile sheets.

ECM submitted preliminary design plans to DPW, S&WBNO and all utility entities for their review and comments. Final design included incorporating plan-in-hand and other comments into preliminary plans, traffic control plans, preparation of the specifications, and final construction plans. ECM also provided the construction administrative service for this project.



**Firm members worked on this project and used in this proposal (Highlighted)**  
**Ujjal Dasgupta, PE, Kazem Alikhani, PE, Sunina Shrestha, PE, Chris Capretto, PE,**  
**John Foley III, PE**

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

## 17. Firm Experience:

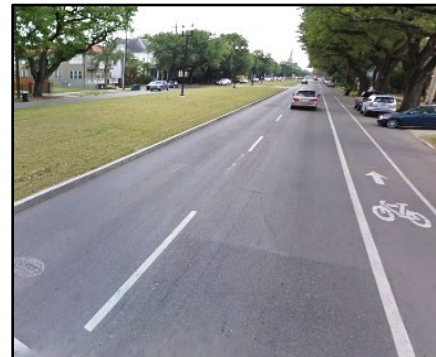
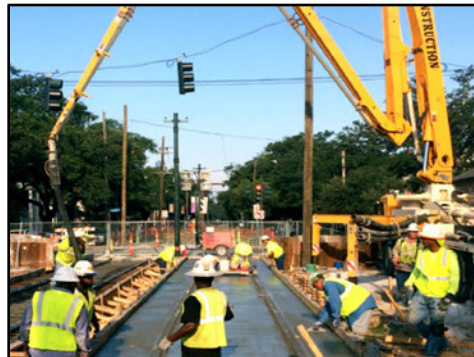
Firm name	<b>ECM Consultants, Inc.</b>	Past Performance Evaluation Category(ies)*	Road
Project name	<b>Napoleon Avenue Rehabilitation (S. Claiborne to Carondelet)</b>	Firm responsibility (prime or sub?)	<b>Sub to AECOM</b>
Project number	<b>AECOM 046105386.0001</b>	Owner's name	<b>S&amp;WB of New Orleans</b>
Project location	<b>Orleans Parish, LA</b>	Owner's Project Manager	<b>Ron Spooner, PE (S&amp;WB) / Jonathan G. McDowell, P.E. (AECOM)</b>
Owner's address, phone, email	<b>8800 S. Claiborne Ave. New Orleans, LA 701168, (504) 865-0650, <a href="mailto:RSpooner@swbno.org">RSpooner@swbno.org</a></b>		
Services commenced by this firm (mm/yy)	<b>05/03</b>	Total consultant contract cost (\$1,000's)	<b>\$1,078</b>
Services completed by this firm (mm/yy)	<b>10/15</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$1,078</b>

ECM provided **engineering designs** and prepared plans, specifications and estimate (PS&E) and CA services for reconstruction/rehabilitation of this 4-Lane divided road with bike lane, parking lane and grass median. This major collector road is located in residential and commercial areas. This **\$21 million** reconstruction/rehabilitation of Napoleon Avenue (between South Claiborne Ave. and Carondelet Street) including all side road intersections, sidewalks and roadway subsurface drainage was a part of the \$55 million construction of a major drainage box culvert in the roadway median under SELA program.

ECM's scope of work for roadway **reconstruction and rehabilitation** and related work included coordination with surveyor for topographic and utilities survey, USACE-NOD, S&WBNO, Entergy and other utilities entities, DPW-City of New Orleans, the Baptist hospital and other businesses that was impacted by construction of this project. ECM also coordinated with Geotechnical engineering subconsultant for geotechnical investigations, analysis and report and Traffic engineering subconsultant for traffic control and detour plans.

ECM performed engineering design for this **4-lane roadway** including concrete curb and gutter, improvements to intersections with ADA ramp, sidewalk, driveways, hydraulic analysis for sizing drain lines, locations of inlets and tie-in to the new box culvert. Roadway work in general included PCC and asphalt pavement. **Roadway reconstruction work included** roadway removal, scarifying, adding geotextile fabrics and aggregate base, grading and compacting, paving with curb and gutter. **Roadway rehabilitation work included** milling, patching, base repairs, and asphalt overlay.

ECM prepared preliminary design plans, final design included incorporating plan-in-hand and other comments into preliminary plans, traffic control plans, prepared the specifications, and final construction plans. ECM also provided the construction administrative service for this project.



**Personnel worked on  
this project and used in  
this proposal:  
Ujjal Dasgupta, P.E.  
Sunina Shrestha, P.E.**

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

## 17. Firm Experience:

Firm Name	<b>ECM Consultants, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>Road</b>
Project Name	<b>Glen Oaks Drive, (Plank Rd. to McClelland Rd.),</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>12-CS-HS-0047</b>	Owner's name	<b>City of Baton Rouge</b>	
Project location	<b>Baton Rouge, LA</b>		Owner's Project Manager	<b>Craig Rabelais, P.E,</b>
Owner's address, phone, email	<b>PO Box 1471, Baton Rouge, LA 70812 ; 225.731.3607 ; <a href="mailto:crabelais@brgov.com">crabelais@brgov.com</a></b>			
Services commenced by this firm (mm/yy)	<b>08/14</b>	Total consultant contract cost (\$1,000's)		<b>\$ 597</b>
Services completed by this firm (mm/yy)	<b>02/17</b>	Cost of consultant services provided by this firm (\$1,000's)		<b>\$ 481</b>

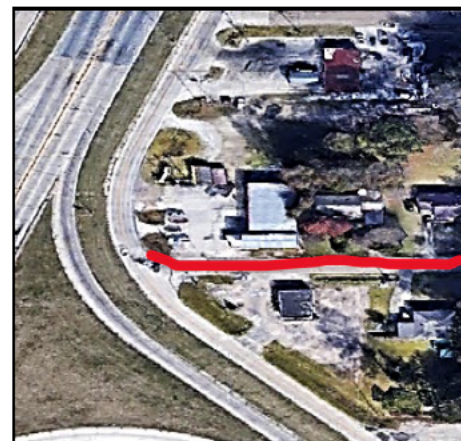
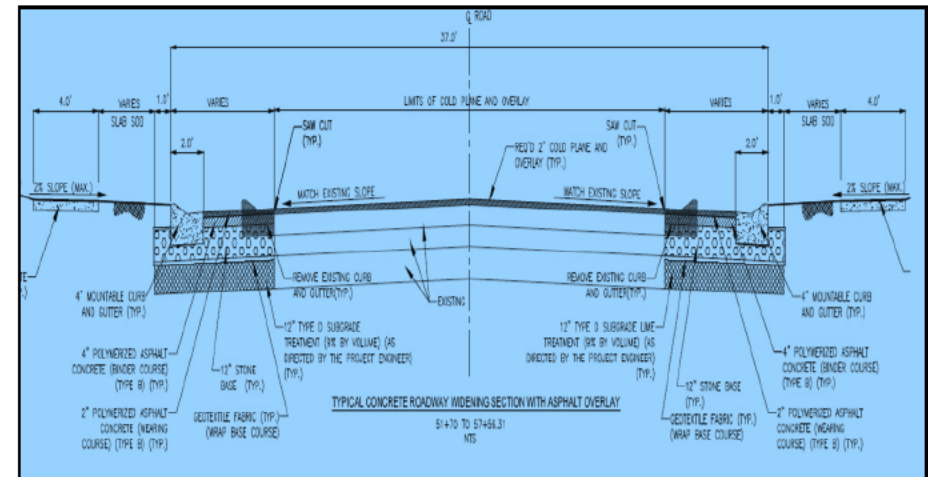
ECM provided engineering design services for this \$10 million roadway reconstruction project for replacing approximately one mile of two-lane urban collector road with a three-lane asphaltic concrete roadway with upgrades to all intersections, new sidewalks with ADA ramps and subsurface drainage system.

Work included removal of the existing road and reconstruction with **asphaltic concrete roadway including curb and gutter, improvements to intersections.** and a 6-foot adjacent sidewalk. The scope also included adding extension to the existing road and cold planning and overlaying the existing portion for the section between McClelland Dr and Ash Dr.

Work also included drainage improvement, adding sidewalk on both sides of the road and stripping for the glen oaks drive from Plank Rd to Ash Dr.

Based on the traffic study performed, dedicated left turn lanes were added at Plank Road and Glen oaks drive intersection, North Foster drive and Glen oaks drive Intersection and McClelland Drive and Glen Oaks drive intersection. All required traffic safety signs at the intersections were also included in the project.

ECM provided project management, engineering designs, prepared plans and profiles, typical sections, cross sections and details, specifications and estimates. ECM provided coordination with DPW- City of Baton Rouge, utility entities and subconsultants such as surveyor, traffic engineer and Geotech as required for this project. The design of the project and plan preparation was done conforming to DPW-City of Baton Rouge design standards and guidelines and the intersections were designed conforming to the AASHTO Green book and LADOTD standard plans.



**Firm members worked on this project and used in this proposal (Highlighted)**  
**Ujjal Dasgupta, PE, Sunina Shrestha, PE, John Rasi, PE, Chris Capretto, PE**

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

**17. Firm Experience:**

Firm name	<b>ECM Consultants, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>CE&amp;I/OV</b>
Project name	<b>Lapalco Boulevard Improvements</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>S.P. Nos. 742-26-0050, -0052 and -0055</b>	Owner's name	<b>Jefferson Parish Dept. of Public Works</b>	
Project location	<b>Jefferson Parish, LA</b>		Owner's Project Manager	<b>Nelson Capote, P.E.</b>
Owner's address, phone, email	<b>1221 Elmwood Park Blvd #802, Harahan, LA 70123, 504-736-6511, Nelson.capote@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>10/05</b>	Total consultant contract cost (\$1,000's)		<b>\$609</b>
Services completed by this firm (mm/yy)	<b>08/07</b>	Cost of consultant services provided by this firm (\$1,000's)		<b>\$609</b>

ECM provided engineering design, preparation of plans and specifications, cost estimates, construction contract administration, and construction engineering and inspection (CE&I) for these \$3.9 million (total for all 3 phases) roadways rehabilitation improvements to Lapalco Boulevard. Scope of work for design phase for each of the phases included the following:

Phase I (Belle Chasse Hwy to Wall Blvd.): Scope of work included cold milling asphalt roadway, base repairs where required, curb and gutter repair, adjustment of catch basins and manholes, drain line repair, asphalt leveling course, wearing course overlay, striping, and traffic signals.

Phase II (Wall Blvd. to Timberlane Dr.): This rehabilitation phase involved cold planning, repairing/replacing concrete curb, base repairs, adjusting catch basins and manholes, asphalt leveling course, asphaltic concrete overlay, new concrete approach slabs for existing bridges, pavement markings, and replacing traffic signal loop detectors.

Phase III (Timberlane Dr. to Manhattan Blvd.): This roadway has asphaltic concrete overlay over PCC concrete road. The scope of this phase included cold planing the existing road, replacing damaged concrete panel, cleaning drain lines, adjusting catch basins, repairing/replacing concrete curbs, asphaltic concrete overlay, striping, and replacing traffic signal loop detectors.

For construction phase services, ECM was responsible for scheduling and conducting the pre-construction meeting; maintaining all construction field records; making daily entries in the project diary; and monitoring construction work to make sure all work was in conformance with plans and specifications. ECM's on-site inspectors monitored contractor's construction operations; kept clear and concise records of the construction operations; and prepared monthly pay estimates, plan changes, and monthly progress reports in conformance with DOTD requirements.

**Key Personnel**  
**Ujjal DasGupta, P.E., Marvin May**



Prime Firm Name:

## 17. Firm Experience:

Firm Name	<b>ECM Consultants, Inc.</b>		Past Performance Evaluation Discipline(s)*	Road
Project Name	Manhattan Boulevard (11th Street to Gretna Blvd.)		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. 742-26-0048; JPPW No. 2002-002-RBI	Owner's name	Jefferson Parish DPW	
Project location	Jefferson Parish, LA		Owner's Project Manager	Mark Drewes, P. E.
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA 70123; 504.736.6506 ; <a href="mailto:mdrewes@jeffparish.net">mdrewes@jeffparish.net</a>			
Services commenced by this firm (mm/yy)	07/02	Total consultant contract cost (\$1,000's)		\$413
Services completed by this firm (mm/yy)	12/08	Cost of consultant services provided by this firm (\$1,000's)		\$368

ECM provided engineering design, prepared plans and specifications, cost estimates, construction administration, and construction engineering and inspection for this urban system project involving asphalt roadway rehabilitation, intersection improvements including increasing radius for 18 wheelers, addition of Turn Lane at several intersections for improvement to the Manhattan Boulevard from 11th Street to Gretna Boulevard in Jefferson Parish.

The roadway had asphaltic concrete overlay over PCC concrete road. The scope of work included the following:

Cold planning of existing road; removal and replacement of damaged concrete panels clean/repair drain lines; adjustment of catch basins; repairing/replacing concrete curb; asphaltic concrete overlay; striping; and replacing traffic signal loop detectors.

ECM's duties for construction administration and inspection services included conducting the pre-construction meeting; maintaining all construction field records; preparing project diary; monitoring placement and maintenance of construction zone traffic control devices; monitoring contractor construction operations for performance in accordance with plans and specifications; monthly pay estimates; reviews and preparing plan changes



Firm members worked on this project and used in this proposal (Highlighted)  
Ujjal Dasgupta, PE, Marvin May

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

## 17. Firm Experience:

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	** CE&I/OV **	
Project name	Comite River Diversion Bridge at LA 96, LA 19 and 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/ <a href="mailto:tgattle@huvalassoc.com">tgattle@huvalassoc.com</a>				
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. A P S is currently providing PDA instrumentation, testing and CAPWAP analysis.

### Firm Members involved and staff used in this Proposal

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

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- ☒ Geotechnical Construction (GC)
- ☒ Construction Inspection
- ☒ Contract Management (CM)



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

## 17. Firm Experience:

Firm name	A P S Engineering and Testing, LLC	Past Performance Evaluation Discipline(s)*	** CE&I/OV **
Project name	Lakeview Street Reconstruction	Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	New Orleans Department of Public Works
Project location	New Orleans, LA	Owner's Project Manager	James R. Kapisis
Owner's address, phone, email	13000 Perdido Street, New Orleans, LA 70112/ 504-658-8000 / <a href="mailto:jkapisis@la.gov">jkapisis@la.gov</a>		
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	09/13	Cost of consultant services provided by this firm (\$1,000's)	\$240K

The City of New Orleans implemented a multi-million-dollar, multi-year comprehensive program to repair roadways damaged due to hurricane Katrina. A P S 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. A P S performed a thorough assessment of these damages and recommended the best value approach to implement the repairs. The recommendations by A P S 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

### Firm Members involved and staff used in this Proposal

**Sergio Aviles, P. E. - Project Manager**  
**Sairam Eddanapudi, P. E. - Project Engineer**  
**Surendra Pathak, MS, PE - Project Engineer**  
**Joseph Layton - Field Technician**

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- X Geotechnical Construction (GC)
- X Constructability
- X Contract Management (CM)



## 17. Firm Experience:

Firm name	A P S Engineering and Testing, LLC	Past Performance Evaluation Discipline(s)*	** CE&I/OV **
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 / <a href="mailto:ksaleh@nola.gov">ksaleh@nola.gov</a>		
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. A P S 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. A P S performed a thorough assessment of these damages and recommended the best value approach to implement the repairs. The recommendations by A P S 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

### Firm Members involved and staff used in this Proposal

**Sergio Aviles, P. E. - Project Manager**  
**Sairam Eddanapudi, P. E. - Project Engineer**

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- X** Geotechnical Construction (GC)
- X** Construction Inspection
- X** Contract Management (CM)



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

**17. Firm Experience:**

Firm name	<b>SJB Group, L.L.C.</b>	Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>LA 1 to LA 415 Connector Topographic Survey</b>		Firm responsibility (prime or sub?) <b>Prime</b>
Project number	<b>H.005121</b>	Owner's name	<b>Louisiana DOTD</b>
Project location	<b>Port Allen, West Baton Rouge Parish, Louisiana</b>	Owner's Project Manager	<b>Jonathan Herrod</b>
Owner's address, phone, email	<b>225-379-1105, <a href="mailto:Jonathan.herrod@la.gov">Jonathan.herrod@la.gov</a></b>		
Services commenced by this firm (mm/yy)	<b>04/19</b>	Total consultant contract cost (\$1,000's)	<b>\$247</b>
Services completed by this firm (mm/yy)	<b>08/19</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$243</b>

The project provides field data for the final design of a roadway to connect LA 1 to LA 415. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. **Erick Kidder served as Party Chief for this effort under the direction of Elvis Nguyen who served as Field Crew Manager for the duration of the project.** The project limits included a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project includes the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). **Mobile LiDAR Specialist, Phillip Dowden performed Mobile LiDAR** methods utilized for the collection of data along the high traffic segments of LA 1, Interstate 10 ramps, and LA 415. The data was processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.

**Key Personnel****Erick Kidder, Party Chief****Elvis Nguyen, Field Crew Manager**Prime Firm Name: ***ECM Consultants, Inc.***

**17. Firm Experience:**

Firm name	<b>SJB Group, L.L.C.</b>		Past Performance Evaluation Discipline(s)*	<b>Right-of-Way, Survey</b>
Project name	<b>I-10: LA 415 to Essen on I-10 and I-12</b>		Firm responsibility (prime or sub?)	<b>prime</b>
Project number	<b>H.004100.5</b>	Owner's name	<b>Louisiana DOTD</b>	
Project location	<b>East Baton Rouge Parish, Louisiana</b>		Owner's Project Manager	<b>Joseph Arretteig</b>
Owner's address, phone, email	<b>225-379-1105, joseph.arretteig@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>06/21</b>	Total consultant contract cost (\$1,000's)		<b>\$193</b>
Services completed by this firm (mm/yy)	<b>Ongoing</b>	Cost of consultant services provided by this firm (\$1,000's)		<b>\$193</b>

This project was led by Project Manager, **Charles "Tim" Brewer** where SJB Group, LLC served as the prime contractor to perform the property surveying along a 4.4-mile stretch of Interstate 10 from St. Joseph St. to College Dr. in East Baton Rouge Parish, Louisiana for the Louisiana Department of Transportation and Development's widening project. This project required extensive title research to acquire the necessary existing surveys and deeds (in addition to the substantial amount of review of the title research reports supplied to SJB by LADOTD). Field work was led by **Elvis Nguyen with Erick Kidder** serving as party chief to survey and map more than one hundred parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage servitudes, a railroad right-of-way, and numerous side streets in the heart of Baton Rouge, all of which SJB surveyed and mapped. Principal & CEO, **Matthew Estopinal**, served as lead QA/QC for the project.

Key Personnel

**Charles "Tim" Brewer, Proj. Mng.**

**Matthew Estopinal, QA/QC**

**Erick Kidder, Party Chief**

**Elvis Nguyen, Field Crew Manager**

**17. Firm Experience:**

Firm name	SJB Group, L.L.C.		Past Performance Evaluation Discipline(s)*	Other (Subsurface Utility Engineering)	
Project name	LA 30: EBR PL – I-10			Firm responsibility (prime or sub?)	Sub
Project number	LA DOTD Project No. H.031797	Owner’s name	Michael Baker International		
Project location	Ascension, Iberville, and East Baton Rouge Parishes		Owner’s Project Manager	Daniel Thornhill	
Owner’s address, phone, email	2600 Citiplace Drive, Baton Rouge, LA 70808   (225) 218-2846   Daniel.Thornhill@MBakerIntl.com				
Services commenced by this firm (mm/yy)		04/22	Total consultant contract cost (\$1,000’s)		\$74k
Services completed by this firm (mm/yy)		ongoing	Cost of consultant services provided by this firm (\$1,000’s)		\$74k

This project was led by **Matthew Estopinal and Karen Kennedy** to provide Property Surveys, GIS, LiDAR Scanning, and Subsurface Utility Engineering (SUE) as a sub-consultant to Michael Baker to further the feasibility studies of the LA 30 corridor from the East Baton Rouge Parish Line to I-10 in Gonzales. This corridor is a key industrial corridor for rail and freight traffic and is in need of significant additional roadway capacity. Careful planning is required to ensure a successful project addressing all potential impacts including existing utilities which is often times the driving factor in the design of a project.

**Austin LaCombe** supported this project by providing required ASCE 38-02 Quality Level "D" services throughout the entire project limits. Due to the significant number of pipelines within the corridor, SJB Group also conducted field observations to determine the order of the pipelines within the right-of-way. These field observations of pipeline markers resulted in several additional pipelines being identified beyond the records that were received.

SJB Group developed the property boundary maps by obtaining parcel shape files and converting them to State Plane Coordinates. SJB Group also reviewed the LIDAR data provided by LA DOTD to confirm that accurate and sufficient data was provided as necessary for the development of design alternatives.

**Key Personnel****Matthew Estopinal, PE, PLS, Project Manager****Karen Kennedy, PE****Austin LaCombe**























## **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 contract is for **Pavement Preservation Design Services** Statewide with the majority of projects located in the Districts 03 and 07. The work will include analyzing the existing pavement and base course structure, including items like drainage, guardrail, slopes and embankments, and preparing a design to upgrade and preserve the overall system function, pavement condition and rideability. Also to repair or remove and replace existing drainage structures like cross drain or side drain storm piping that is beyond its useful life. The work could also include a design that involves bringing items like superelevation in curves or existing Guardrail up to current standards. We also realize that the designs may need to be expedited in order to match timelines that coincide with funding availability.

In addition to assigning experienced and qualified Design Project Manager, Traffic Engineers, Surveyors, Materials and Geotechnical Testing, and other required personnel and equipment, some of the major tasks for Pavement Preservation Design services will include coordination with the DOTD Project Engineer/Coordinator, the DOTD Project Manager, FHWA, the District Lab, as well as keeping the work inside the boundaries of the allocated budget. Work will potentially include the design of traffic control, new traffic signals or signage, inspection of the condition of various assets including pipes, retaining walls, embankments, guardrail, etc. Constructability and Safety will be an important part of a comprehensive design. In some cases, it may also require the acquisition of R/W parcels that would be acquired only when required to be able to fit a design to an acceptable standard.

**ECM Team, the best-in-class**, includes 1) Arcadis 2) APS, and 3) SJB. ECM Team members understand the scope, purpose and nature of the project and considerations in the Design that will lead to a successful project. One of the main elements of this work will be the analysis of the existing roadway embankment and pavement structure. This will include pavement coring to determine the existing thicknesses of pavement and base- a task that would be completed by **APS** if not completed by the District Labs. APS will also be available to conduct an assessment on any embankment stabilization required for Base Course to be included in a Design plan. We understand that this assessment will have a high bearing on the design, and on whether it would be more cost effective to patch or reconstruct the pavement and base structure. We understand importance of communication, coordination and cooperation (3Cs) between the stake holders to keep them abreast of project status, while also working with District staff to come up with the best overall solution to meet Pavement Preservation objectives, within budget restraints. **SJB** will be included to complete a detailed survey that will include the layout of stations, degree of curvature, utilities, and all other items required in the scope of services. Upon completion of the stationing being laid out on the ground, the Project Manager will walk the project to inspect drainage structures and note their condition throughout the limits of the project. At this plan in hand meeting, District staff will be invited to participate. If additional item are noted that need to be addressed in design, including hydraulic analysis, utility obstructions or signage, signal or guardrail concerns--- these will be noted and highlighted to be addressed in the Design.

ECM has provided **Design services** for various road and bridge construction projects in the past and we have several retired DOTD District Administrators who are highly experienced in managing many similar types of Roadway and TSM design. All our ECM Team personnel are fully aware of the policies, Design Guidelines and DOTD's demand for delivering quality projects on time and on budget. Accurate and timely flow of information between the project team, the DOTD Districts including DOTD District Traffic dept. will aid in the completion of the project successfully. The ECM Team utilizes all the current DOTD design software and is prepared to complete the designs as quickly as possible. This experienced team can categorize issues, respond to those issues in the Design. Should an issue come up during construction, the experienced ECM staff can react quickly to develop alternatives, which will allow quick responses to the contractor and mitigate schedule delays. The ECM team is experienced with CE&I services to the DOTD, so we are aware of the importance of considering Construction issues in our Design plan development.

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

## 2. Our Approach for Performance

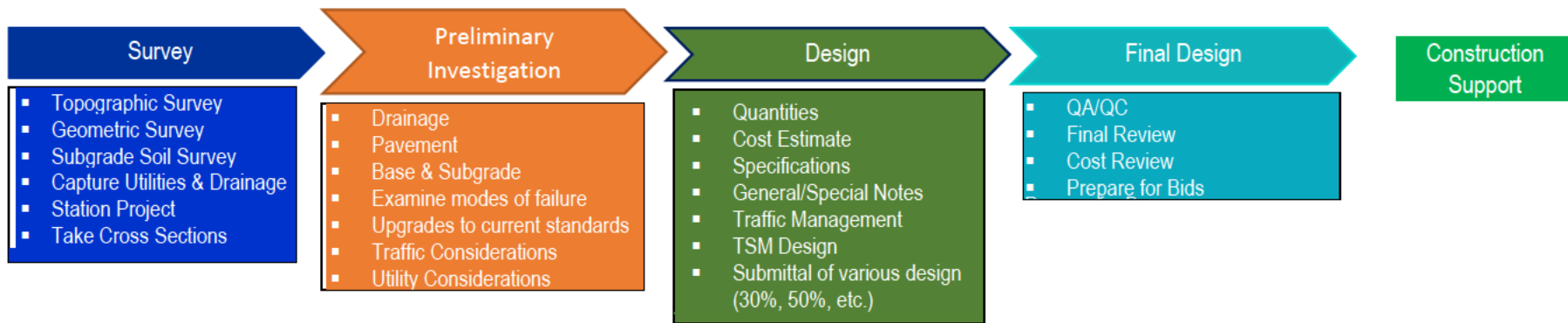
The ECM Team will perform all the tasks listed in the RFQ as well as additional tasks when assigned by DOTD for successful completion of all the projects, meeting, and exceeding industry best practices and to the satisfaction of DOTD.

The ECM Team's Design administration services approach places highly qualified and knowledgeable personnel on the project site with additional support from field engineering/technical staff. The key management tool used to successfully accomplish the work will be a plan comprised of elements such as the Design Management and Quantity and Costs, Plan, Estimates, Effective Communication and Coordination between all parties, Reporting Processes, QA/QC during plan development and Constructability. The fundamental objective of our Design services is to serve as an extension of DOTD and effectively manage the quality, cost, and traffic during design and preliminary assessment to assure that all the projects are delivered on time and within budget meeting the expectations of DOTD.

### 2.1 Design Engineering for Pavement Preservation Projects

The ECM team offers staff which has extensive broad experience pavement preservation projects, as is shown in our project description and the resumes of our staff. Our staff is trained and experienced in Pavement preservation type of project. SJB will complete an initial survey including stationing, curve parameters, drainage, utilities, etc. Following this step an in-person inspection will be conducted. Upon this initial discovery and thorough assessment being complete, it will provide the information needed to direct the path of the Pavement Preservation design work that will be completed.

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 Topographic Survey

ECM's Project Manager will schedule a survey with SJB staff to include all items listed in the scope of services. The work will be performed in accordance with DOTD's Location and Survey Manual and will include standards and methods approved by the DOTD Location and Survey Administrator. Any deviation would need to be authorized by the DOTD Project Manager. Items such as drainage structures, curbed areas and railroads will be identified, along with any other features.

#### 2.1.2. Pavement Coring and Subgrade Soil Survey

ECM's Project Manager will Schedule pavement Coring and a subgrade soil survey with APS to determine the existing pavement thicknesses and soil/base thicknesses and subgrade soil characteristics. Identification of composite pavements will be identified, along with vertical overlay thickness and clearance constraints that may limit the elevation of the final riding surface. PH and Resistivity will be taken at all potential cross drain locations in accordance with EDSM II.2.1.6.

### 2.1.3 Capturing Utilities and Drainage

SJB's survey team will capture drainage structures such as pipes, headwalls, catch basins, utilities and other features as needed to get a complete picture of what exists inside the R/W throughout the project limits. Pipe sizes and lengths will be captured, along with location of any bridges throughout the project limits.

### 2.1.4 Stationing and Cross sections

**SJB** staff will station project throughout the designated limits. The project centerline will be stationed every 100 feet with stationing painted on travel lanes outside of the wheel paths. Cross section as specified in scope of services with more frequent cross sections taken near bridge ends as specified. Driveway and transition points should be located.

### 2.1.5 Preliminary Investigation—Drainage and Pavement Survey

The **ECM** team's Project Manager and technical staff will walk and record the condition of all assets throughout the limits of the project, noting whatever action that needs to be taken at stations throughout the project. This will include patching, drainage, traffic/signage, guardrail, embankment or any other necessary work. The current modes of pavement or drainage failure will be identified so that a design solution can be initiated.

### 2.1.6 Traffic Considerations

The **ECM** Team's Project Engineer will review any necessary Traffic issues that need to be addressed. Any Traffic Design issues will need to be referred to Arcadis for design. TSM projects will involve the initiation of **Arcadis** expertise from the beginning of the project.

### 2.1.7 Quantities

The **ECM** Project team will determine quantities and configure tables with stations to be included in the Design Plans. These will be checked in the field to verify location and to make sure that all needs are covered.

### 2.1.8 Cost Estimate and Contract Time

A cost Estimate and Contract Time Spreadsheet will be determined in accordance with DOTD Standards and policies and referred to the DOTD Project Manager.

### 2.1.9 Pavement Design

**APS** will perform a Pavement Design that included Traffic loading considerations to be included in the typical sections that will be included in the plans.

### 2.1.10 QC/QA review

ECM staff along with applicable Subject Matter experts on the ECM team will review plan quality including constructability.

### 2.1.11 Final Review and preparation for Bid:

**ECM's** team will perform a final review including any special General Notes or specification that need to be included to address the project needs. Also this final stage will include a review of the cost estimate and required specifications prior to submitting for bidding.

### 2.1.12 Construction Support:

**ECM's** team will be available to provide construction support during construction.

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

**Constructability** It is prudent to take a proactive approach to configure plans in a way that will limit or eliminate disputes and/or claims. This will include developing a constructable set of plans with accurate quantities to promote a fair and competitive bid process.

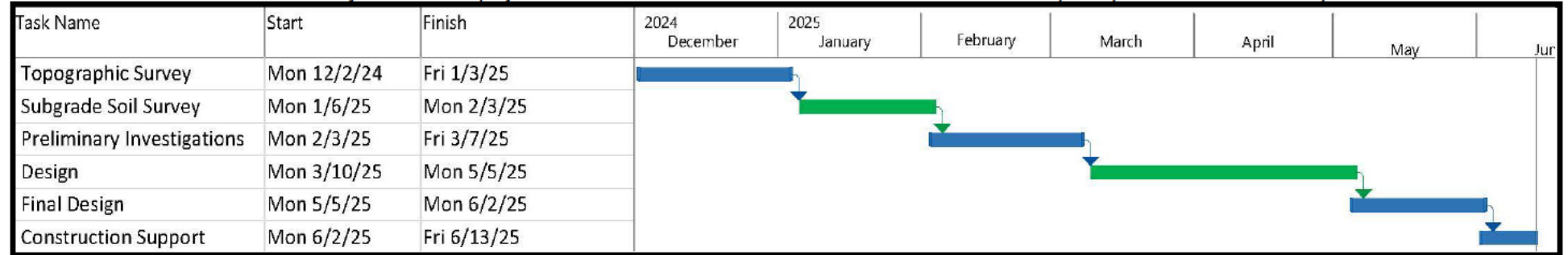
**Staffing Plan:** Based on our past experience, we estimate the staffing requirements for this bridge and road construction project will be: [One Project Manager; an Assistant Project Engineer; two technicians, survey crew, traffic staff and a Materials testing staff.](#) . Our organization chart provides an overview of our staffing plan.

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

**Quality Control/Quality Assurance Plan:** We will prepare and submit a detailed QA/QC Plan for Pavement Preservation Design 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 Manager will be responsible for implementing the process and monitoring performance.

### 3. Project Schedule

Below is a Basic Schedule for a roadway rehabilitation project schedule for a duration of 6 months. Start date: December 2, 2024, and End date: June 13, 2025.



**Why ECM Team?** 1. We have extensive experience in providing design of roadway rehabilitation and construction administration to DOTD and various municipalities such as DPW-Baton Rouge, DPW-New Orleans, DPW-Jefferson Parish, DPW-Lafayette. 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 professional 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) <b>ALL FIRMS</b> MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
<b>ECM</b>	Other (CQCM)	Contract # BC-PSA 05, S.P. # H.0044791	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project	\$723,870
<b>ECM</b>	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	\$7,587
<b>ECM</b>	CE&I/OV	Contract # 4400019872 H.013770 .6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03	\$12,777
<b>ECM</b>	CE&I/OV	Contract # 4400019872 H.009298.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03	\$147,324
<b>ECM</b>	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
<b>ECM</b>	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
<b>ECM</b>	Other (dam safety)	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
<b>ECM</b>	CE&I/OV	Contract # 4400021680 H.008145.6	DOTD LA1 Leeville to Golden Meadow	\$3,243,632

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

ECM	CE&I/OV	Contract # 4400026101 H.011767	DOTD Contract for Engineering & Inspection District 61 (Bayou Crab Road Bridge)	\$20,000
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	\$1,439,445
ECM	CE&I/OV	Contract # 4400027364 H.003184.6	IDIQ CE&I Services District 07	\$1,263,088
ECM	Road		<b>ECM currently has no Roadway design Project with LADOTD</b>	N/A
APS Engineering and Testing, LLC	Geotech	4400091011 H.001711	Saline Bayou Relief & Creek Mill	\$110,632
APS Engineering and Testing, LLC	Geotech	4400017262 H.012545.5	Union Pacific Railroad	\$62,233
APS Engineering and Testing, LLC	CE&I/OV	4400024653 H.01254.6	Wiggins Bayou Bridge	\$70,617
SJB Group, L.L.C.	Survey	4400017597	IDIQ Surveying Services	N/A
SJB Group, L.L.C.	Survey	H.013982 & H.013984	Rural Bridge Replacement Initiative	\$38,340
SJB Group, L.L.C.	CPM	Contract No. 4400017485	IDIQ CPM Analysis	N/A
SJB Group, L.L.C.	CPM	Task Order: H.002375	LA 16 Amite River Bridge	\$7,090
SJB Group, L.L.C.	CPM	H.003184.6	I10 Texas S/L - Coone Guillory	\$93,645
SJB Group, L.L.C.	CPM	H.001234.6	LA 1: Port Allen Canal BR Rep	\$31,385
SJB Group, L.L.C.	CPM	44-14659	IDIQ Contract - SUE Services	N/A
SJB Group, L.L.C.	Other (SUE)	Task Order: H.001820.6	LA 485 Bridges Near Allen CI	\$73,492
SJB Group, L.L.C.	Other (SUE)	Task Order: H.001820	LA485: Bridges Near Allen Water	\$15,505
SJB Group, L.L.C.	CPM	H.002980.6	I-10 Overpass Over US 165	\$28,256
SJB Group, L.L.C.	CPM	H.001820.6	LA 485: Bridges Near Allen	\$15,125
SJB Group, L.L.C.	CPM	H.001344.6	US 190: LA 437 - US 190 Bus	\$19,779
SJB Group, L.L.C.	CPM	H.002424	LA70 Sunshine Bridge – LA 22	\$28,109
SJB Group, L.L.C.	CPM	H.003047.6	Pecue I-10 Inter Phase III	\$31,807
SJB Group, L.L.C.	CPM	H.011137	I-12 (LA1077)	\$54,587
SJB Group, L.L.C.	CPM	H.010652	LA 73 (US 61 Airline	\$56,922

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

<b>SJB Group, L.L.C.</b>	CPM	H.012174.6	I-10 Jeff Davis	\$35,731
<b>SJB Group, L.L.C.</b>	CPM	H.013203.6	US90: LA 318 – LA 83	\$36,514
<b>SJB Group, L.L.C.</b>	Survey	H.005121.5   Task Order 5	LA 1 – LA 415	\$167,663
<b>SJB Group, L.L.C.</b>	Other (SUE)	H.013797	EBR PL – I-10 – Part I	\$600
<b>SJB Group, L.L.C.</b>	Right-of-Way	H.004100.5   Directive 1	I-10 LA 415 Acadian	\$20,078
<b>SJB Group, L.L.C.</b>	Right-of-Way	H.004100.5   Directive 2	I-10 LA 415 Dir 2	\$1,536
<b>Arcadis U.S., Inc.</b>	Environmental	4400009703 / H.000688.2	US 11 Norfolk Southern Railroad / St. Tammany Parish	\$3,008
<b>Arcadis U.S., Inc.</b>	Environmental	4400007175 / H.011328.2	I-49 South (Ricochoc to Berwick) / St. Mary Parish	\$1,230,835
<b>Arcadis U.S., Inc.</b>	Environmental	H.009932	US 80 Widening: Vancil Road to Well Road EA / Ouachita Parish	\$5,343
<b>Arcadis U.S., Inc.</b>	Environmental	4400019338 (Multiple State	Rural Bridge Replacement Initiative Phase II / Statewide	\$70,579
<b>Arcadis U.S., Inc.</b>	Traffic	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12 / East and West	\$904,512
<b>Arcadis U.S., Inc.</b>	Traffic	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34) / Ouachita Parish	\$154,043
<b>Arcadis U.S., Inc.</b>	Traffic	4400019379 / H.013797	LA 30: EBR PL – I-10 / East Baton Rouge, Iberville and	\$232,048
<b>Arcadis U.S., Inc.</b>	Road	4400025022 (Multiple State	IJJA Off System Bridge Program / Statewide	\$396,788
<b>Arcadis U.S., Inc.</b>	Road	4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$12,608
<b>Arcadis U.S., Inc.</b>	Road	4400027361 / H.011220.6,	US 90 Engineering Support / Jefferson and Orleans Parishes	\$264,301
<b>Arcadis U.S., Inc.</b>	Road	4400019010 / H.010116.5	LA 1088: Soult and Trinity Roundabouts	\$33,307
<b>Arcadis U.S., Inc.</b>	Road	4400016923 / H.012901.6,	US 90Z (Budinger Blvd. – Stumpf Blvd.) / Jefferson and Orleans	\$198,037
<b>Arcadis U.S., Inc.</b>	Road	4400018646 / H.004100.5 and	I-10: LA 415 to Essen Lane on I-10 and I-12 / East and West	\$3,661,897
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.5	ITS Program Management and Operations / Statewide	\$131
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and	\$26,667
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) /	\$17,136
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.5	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$870,770
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$197,274
<b>Arcadis U.S., Inc.</b>	ITS	4400016811 / H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$681,936
<b>Arcadis U.S., Inc.</b>	ITS	4400025921/ H.015938.1	Transportation Systems Management and Operations (TSMO)	\$361,164
<b>Arcadis U.S., Inc.</b>	ITS	4400023812 / H.015377.5	Task Order No. 1 (Weigh Station Assessment)	\$454,079
<b>Arcadis U.S., Inc.</b>	Data Collection	4400021325 / H.012837.5	I-10 New Orleans Master Plan / Orleans Parish	\$193,840
<b>Arcadis U.S., Inc.</b>	Bridge	4400021325 / H.015193.1	LA 22: Tchefuncte Bridge Feasibility / St. Tammany Parish	\$15,434
<b>Arcadis U.S., Inc.</b>	CE&I/OV	4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I) / Ascension, St.	\$5,170
<b>Arcadis U.S., Inc.</b>	CE&I/OV	4400025665 / H.013482.6	I-10 WBR Queue Warning System / Iberville and West Baton	\$293,204

(Add rows as needed)

DO NOT SUM

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

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

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

## 20. Certifications

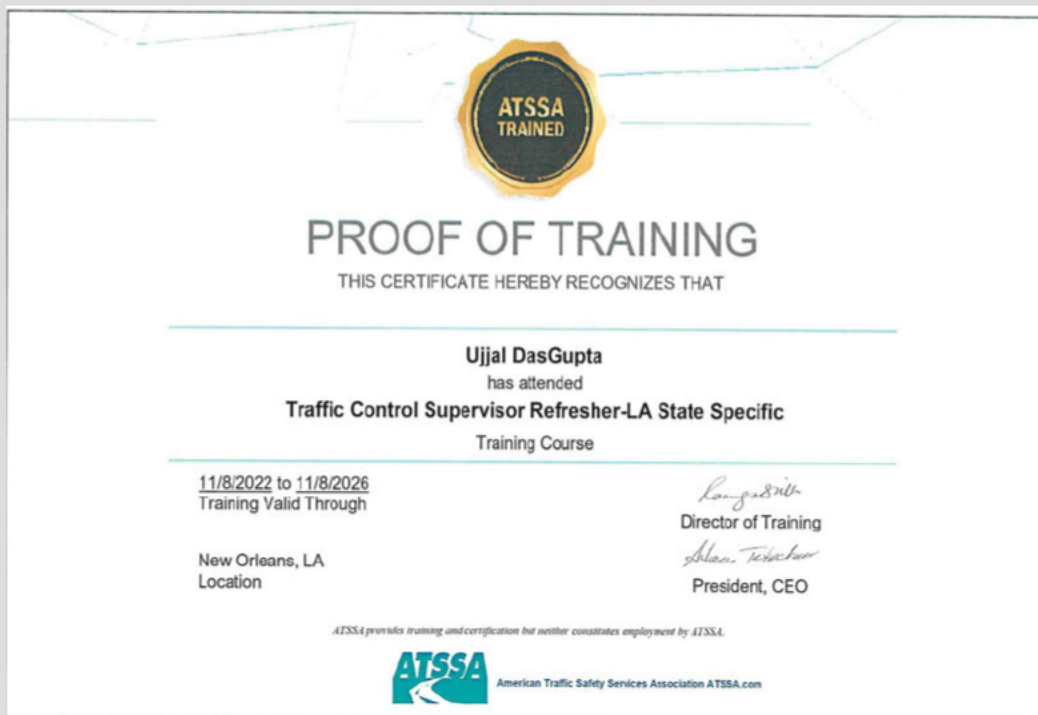
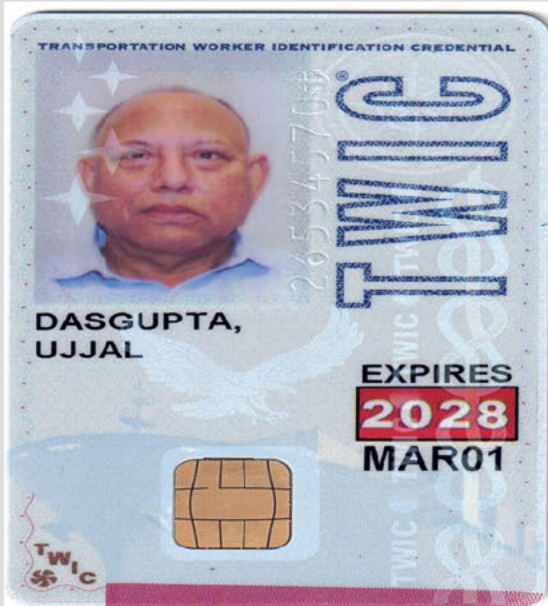
The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

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

### License/Certificate Information w/ Supervision

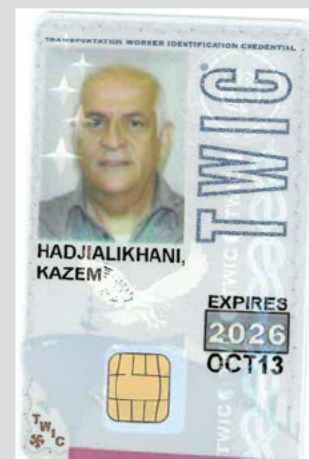
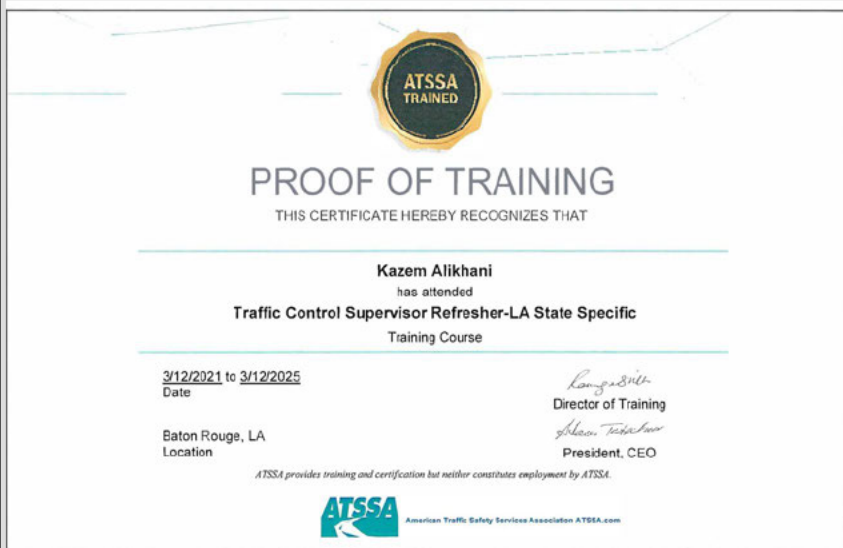
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002003	Active	10/24/1995	03/31/2026	Mr. Kazem Hadjialikhani # PE.0025073 ; Mr. Ujjal DasGupta # PE.0019849

**Certifications:**  
**Ujjal DasGupta, P.E.**



## Certifications:

### Kazem Alikhani, P.E.

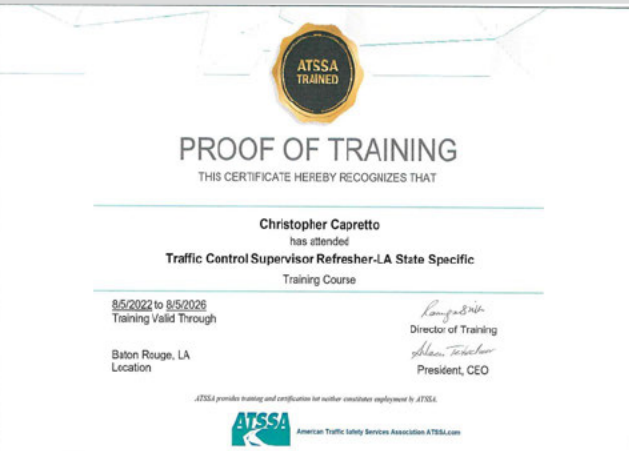


**ECM**

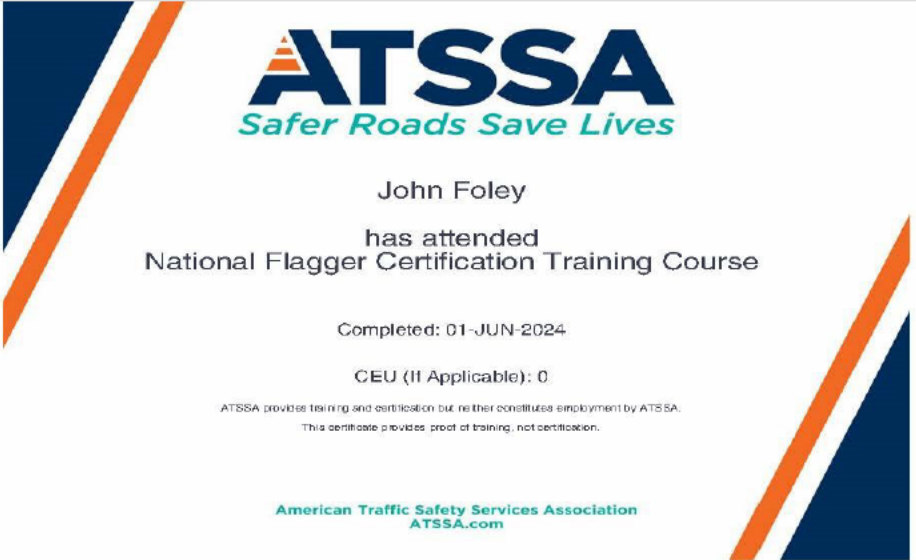
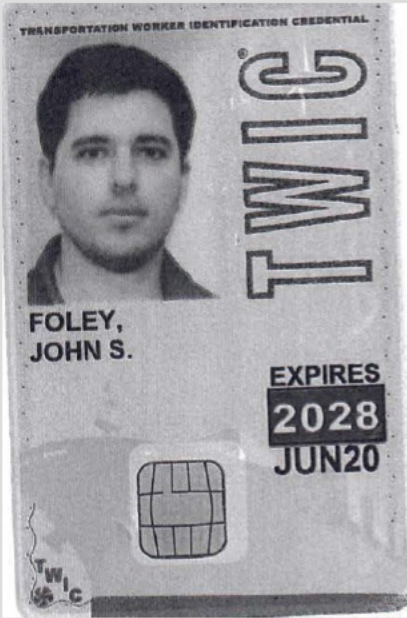
## Certifications: Sunina Shrestha, P.E.



## Certifications:



Certifications:  
John Foley P.E.



## Certifications:

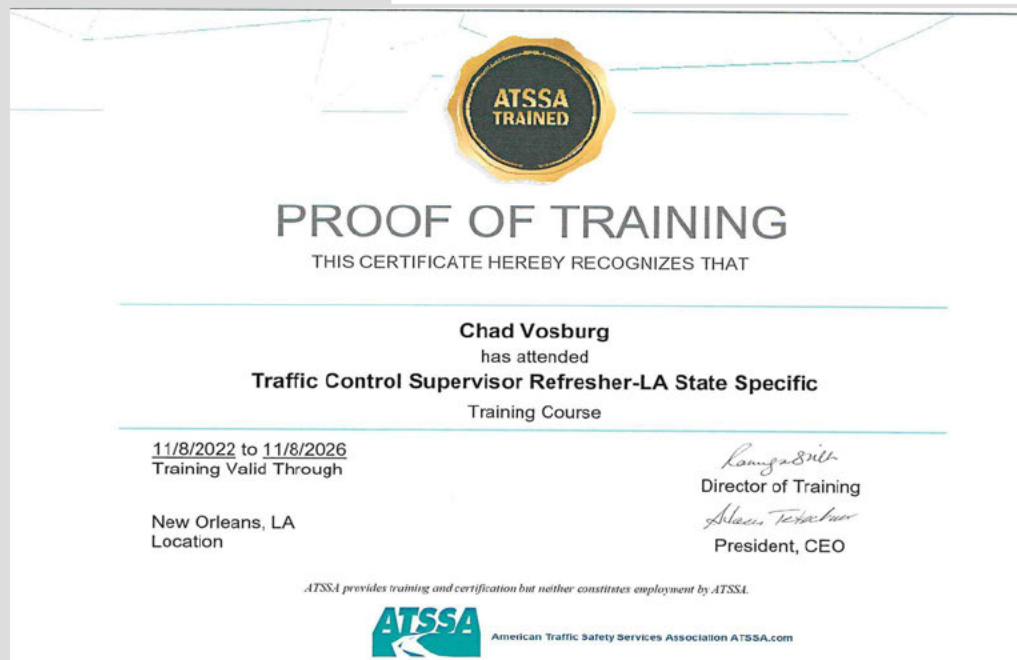
Marilyn "Missy" Reynolds, E.I.



**Certifications:**  
**Kumar Ambati, P.E.**



**Certifications:**  
**Chad Vosburg, P.E.**



## 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
Exp. Date 2/18/2028	Instructor Name
State Issued Louisiana	Instructor Signature
A1000174462	Verify at Flagger.com

ATSSA Safer Roads Save Lives	
Bill Oliver	
has attended	
Louisiana Traffic Control Supervisor	
Completed: 22-FEB-2024	
CEU (If Applicable): 1.5	
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	

**Certifications:**  
**Blake Guidry P.E.**



Certs: SJB Group, LLC

Matthew Estopinal

Charles "Tim" Brewer

**ATSSA** American Traffic Safety Services Association  
SAFER ROADS SAVE LIVES

*This is to affirm that*  
**Matthew Estopinal**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER** ATSSA

Issue Date 4/25/2022  
Exp. Date 4/24/2026  
State Issued LA

Instructor Name Laurel Smith  
Instructor Signature [Signature]

A1000058046 Verify at Flagger.com

**ATSSA** TRAINED

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Matthew Estopinal**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

6/22/2022 to 6/22/2026  
Training Valid Through

Baton Rouge, LA  
Location

Laurel Smith  
Director of Training  
John Tischer  
President, CEO

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

**ATSSA** American Traffic Safety Services Association ATSSA.com

**ATSSA** American Traffic Safety Services Association  
SAFER ROADS SAVE LIVES

*This is to affirm that*  
**Charles Brewer**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER** ATSSA

Issue Date 11/18/2022  
Exp. Date 11/17/2026  
State Issued LA

Instructor Name Laurel Smith  
Instructor Signature [Signature]

A1000112965 Verify at Flagger.com

**ATSSA** TRAINED

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Tim Brewer**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

11/30/2022 to 11/30/2026  
Training Valid Through

Baton Rouge, LA  
Location

Laurel Smith  
Director of Training  
John Tischer  
President, CEO

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

**ATSSA** American Traffic Safety Services Association ATSSA.com



# 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 "Alex Teter".

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)

# Certificate of Training

*this certifies that*

**Sergio Aviles**

---

*has successfully completed the training  
program requirements for*

**National Flagger Certification Training Course**

---



*Awarded on this*      **7th**      *day of*      **December 2022**



National Highway Institute



# Certificate of Training

## Akhil Chauhan

*has participated in*

**FHWA - NHI Course No. 380071 -  
Interactive Highway Safety Design Model (IHSDM)**

*hosted by*

**Louisiana Department of Transportation and Development**

**Date:** May 9-10, 2012

**Hours of Instruction:** 12

**Location:** Baton Rouge, LA

Instructor

Local Coordinator

Richard Barnaby, Director  
National Highway Institute

Instructor



National Highway Institute



# Certificate of Training

## Akhilendra Chauhan

*has participated in*

**NHI Course No. 380075 -  
New Approaches to Highway Safety Analysis**

*hosted by*

**LA DOTD/LTRC**

**Date:** October 9-11, 2012

**Hours of Instruction:** 18

**Location:** Baton Rouge, LA

Instructor

Local Coordinator

Instructor

Richard Barnaby, Director  
National Highway Institute



National Highway Institute



# Certificate of Training

## Akhil Chauhan

*has participated in*

**FHWA - NHI Course No. 133078  
Access Management, Location and Design (3 day)**

*hosted by*

**LA DOTD/LTRC**

**Date:** January 6-8, 2015

**Hours of Instruction:** 18

**Location:** Baton Rouge, LA

Instructor

Local Coordinator

Instructor

Valerie Briggs, Director  
National Highway Institute



National Highway Institute



# Certificate of Training

## Akhil Chauhan

*has participated in*

**NHI Course No. FHWA-NHI-380106  
Highway Safety Manual Online Overview**

*hosted by*

**National Highway Institute**

**Location:** Web-Based Course

**Hours of Instruction:** 12 hours

**Date:** 7/18/2012

Richard J. Barnaby, Director  
National Highway Institute

# Certificate of Training

PRESENTED BY

Louisiana Local Technical  
Assistance Program

TO CERTIFY THAT

*Akhil Chauhan*

HAS SATISFACTORILY COMPLETED 7 PROFESSIONAL DEVELOPMENT HOURS IN:

**Louisiana's Complete Streets Peer Exchange**

*Maud B. Walsh*  
Director of Louisiana LTAP Center



January 19-20, 2016  
Date

Baton Rouge, Louisiana  
Location

# Certificate of Attendance

**USING STATISTICS IN HIGHWAY SAFETY**

PRESENTED BY

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TO CERTIFY THAT

*Akhil Chauhan*

HAS SATISFACTORILY COMPLETED 6 HOURS OF TRAINING

*Helmuth Schneider*

**Dr. Helmut Schneider**  
Director  
Highway Safety Research Group



# Certificate of Completion

presented to

*Akhil Chauhan*

for completing the

## Traffic Engineering Analysis Process & Report Module 1

Date: June 4, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 4

*Poly A. Colvins*  
Authorized Instructor

*John Hitt*  
Authorized Instructor

*Robert P. ...*  
Authorized instructor



# Certificate of Completion

presented to

*Akhil Chauhan*

for completing the

## Traffic Engineering Analysis Process & Report Module 2

Date: June 11, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 4

*Poly A. Colvins*  
Authorized Instructor

*John Hitt*  
Authorized Instructor

*Robert P. ...*  
Authorized instructor



# Certificate of Completion

presented to

*Akhil Chauhan*

for completing the

## Traffic Engineering Analysis Process & Report Module 3

Date: September 10, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

*Poly A. Colvins*  
Authorized instructor

*John Hitt*  
Authorized instructor

*Robert P. ...*  
Authorized instructor



## Certificate of Completion

presented to

*Kester Hollier*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 2

*Poly Malone*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Rob T. Marshall*  
Authorized instructor



## Certificate of Completion

presented to

*Kester Hollier*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

*Poly Malone*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Rob T. Marshall*  
Authorized instructor



## Certificate of Completion

presented to

*Kester Hollier*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

*Poly Malone*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Rob T. Marshall*  
Authorized instructor



# Transportation Professional Certification Board, Inc.

*certifies that*

**Max Aguirre**

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

**Road Safety Professional**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 636 issued in Washington, DC, USA*

*8/8/2021*

*Deborah Snyder*  
Deborah Snyder  
Chair



*Jeffrey F. Piniati*  
Jeffrey F. Piniati  
Executive Director



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Max Aguirre**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

9/8/2021 to 9/9/2025  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona Bill*  
Director of Training  
*Abbas Tashkhan*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com

# Certificate of Completion

presented to

*Max Aguirre*

for completing the

## Traffic Engineering Analysis Process & Report Module 1

Date: January 29, 2020  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 2.5

*Poly A. Colina*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized Instructor



# Certificate of Completion

presented to

*Max Aguirre*

for completing the

## Traffic Engineering Analysis Process & Report Module 2

Date: January 29, 2020  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3.5

*Poly A. Colina*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized Instructor



# Certificate of Completion

presented to

*Max Aguirre*

for completing the

## Traffic Engineering Analysis Process & Report Module 3

Date: January 30, 2020  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3.5

*Poly A. Colina*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized Instructor



## **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

<b>Firm Name</b> (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
SJB Group, LLC	5344 Brittany Drive Baton Rouge, Louisiana 70808	Charles "Tim" Brewer <a href="mailto:Tim.brewer@sjbgroup.com">Tim.brewer@sjbgroup.com</a>	225-769-3400
APS Engineering and Testing, LLC	5261 Highland Road, PMB 320 Baton Rouge, Louisiana 70808	Sergio Aviles <a href="mailto:sergio@aps-testing.com">sergio@aps-testing.com</a>	225- 456-5714
ARCADIS U.S., INC.	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808	Akhil Chauhan, PE, PTOE, PTP, PMP <a href="mailto:Akhil.chauhan@arcadis.com">Akhil.chauhan@arcadis.com</a>	225-368-6563

(Add rows as needed)

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

### **23. Location:**

If location is an evaluation criterion for this advertisement (see page 2) 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 Evaluation Criteria section of the advertisement.**

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

***ECM Consultants, Inc.***

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400 East Kaliste Saloom Road, Suite 4100, Lafayette, LA 70508