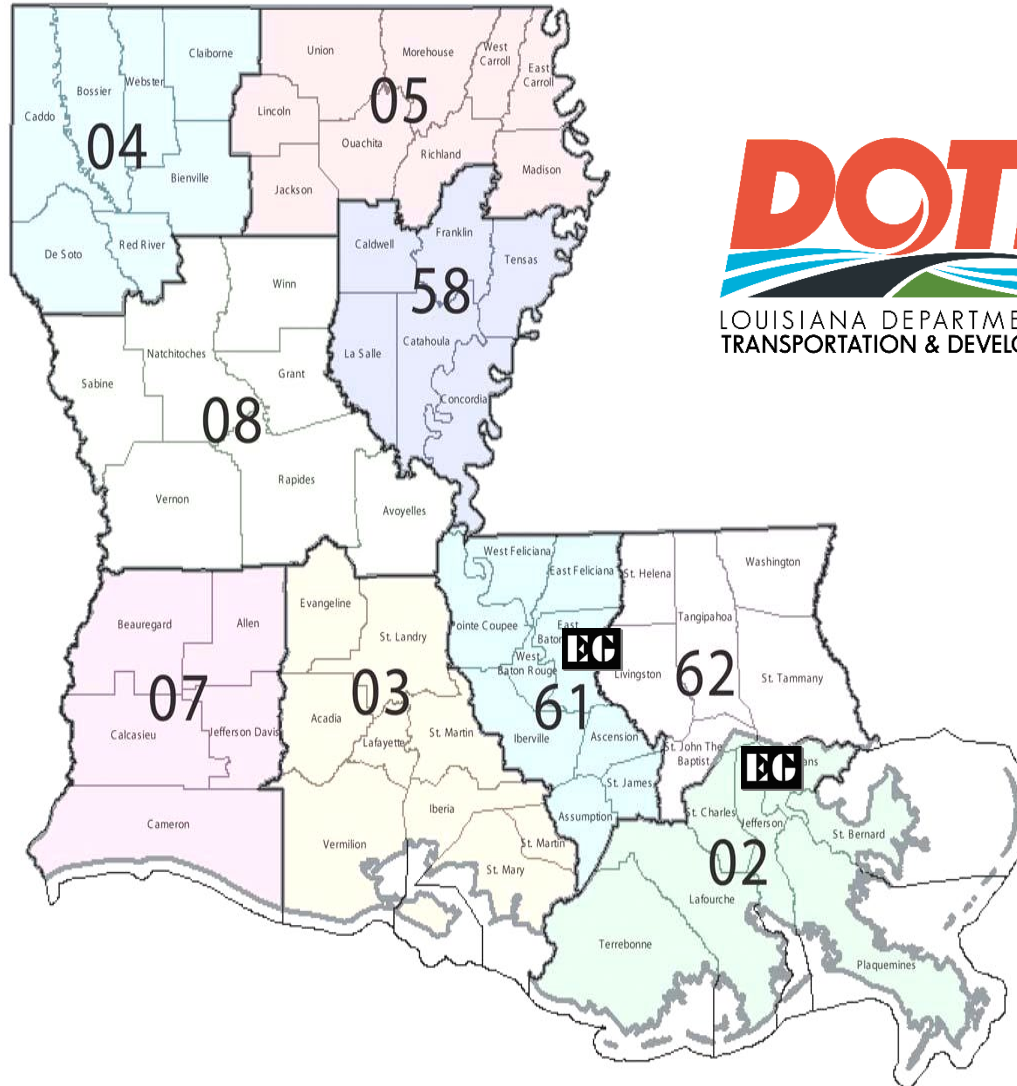




## LA 3211: WIDENING YOKLEY ROAD TO LA 182

**Contract No. 4400032190**



**9029 Jefferson Highway, Suite 200  
Baton Rouge, LA 70809**

*In association with*



*JUNE 24, 2025*



# **EVANS-GRAVES ENGINEERS, INC.**

Engineering Consultants  
Est. 1954

John A. Graves, P.E., P.L.S. (1941 – 2021)

Ashlyn A. Graves

Gerald G. Menard, P.E.

P. Stephen Lundgren, Jr., P.E.

Jack Carr Morgan, P.E., P.L.S.

Max O. Usrey, III, P.E., P.L.S.

Keith M. Meyer, P.E.

Lisa A. Blanchard, P.E.

Brett D. Blanchard, P.E., L.S.I.

Wesley S. Roy, P.E.

Zachary P. Hebert, P.E.

Alexander J. Young, E.I.

June 24, 2025

Department of Transportation and Development  
Procurement Office  
1201 Capital Access Road, Room EW S-447  
Baton Rouge, Louisiana 70802

Re: LA 3211: Widening Yokley Road to LA 182  
Contract No. 4400032190

To Whom it May Concern:

Evans-Graves Engineers, Inc. (EG) is pleased to submit our Letter of Interest and Standard Form 24-102 in response to DOTD's solicitation of May 30, 2025 requesting professional engineering services to widen LA 3211 from a two-lane undivided roadway to a four-lane divided roadway with a median, from Yokley Road to the intersection of LA 182 in St. Mary Parish. (Contract No. 4400032190). Evans-Graves has successfully performed several roadway widening and intersection improvement projects for both LADOTD and local governments. As such, we believe that we are uniquely qualified to perform this work for LADOTD.

Within this submittal of qualifications, Evans-Graves personnel exceed the minimum manpower requirements and have recent and relevant LADOTD and similar experience to successfully complete this work on time and within budget. Notable firm and key personnel experience on similar projects demonstrates that Evans-Graves is well qualified for this work.

Evans-Graves Engineers, Inc. hereby commits its total resources and 71 years of experience to the DOTD. I pledge to you my personal commitment that our team can and will respond to the requirements of this assignment to provide you with a successful project. We believe we have earned your confidence and enjoy a professional relationship with LADOTD staff while completing our technical responsibilities with the highest quality standards attainable.

We appreciate the opportunity to respond to the LADOTD and look forward to working with you. Thank you for your consideration.

Sincerely,  
**EVANS-GRAVES ENGINEERS, INC.**

---

Ashlyn A. Graves  
President

# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 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                                                                                                                                                                                                      | <b>LA 3211: WIDENING YOKLEY ROAD TO LA 182<br/>ROUTE: LA 3211</b>                                                           |
| 2. Contract Number(s) as shown in the advertisement                                                                                                                                                                                                 | <b>4400032190</b>                                                                                                           |
| 3. State Project Number(s), if shown in the advertisement                                                                                                                                                                                           | N/A                                                                                                                         |
| 4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u> ) |  <b>EVANS-GRAVES<br/>ENGINEERS, 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)                                                                    | LA Licensed Professional Engineers – EF.0000300<br>LA Licensed Surveying Board – VF.0000050                                 |
| 6. Prime consultant mailing address                                                                                                                                                                                                                 | 9029 Jefferson Hwy., Ste. 200<br>Baton Rouge, LA 70809                                                                      |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)                                                                                                                                 | 9029 Jefferson Hwy., Ste. 200<br>Baton Rouge, LA 70809                                                                      |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact                                                                                                                                                     | Lisa A. Blanchard, P.E.<br><i>Chief Transportation Engineer</i><br>(225) 926-1620<br>lblanchard@evans-graves.com            |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal                                                                                                                                            | Ashlyn A. Graves<br><i>President</i><br>(225) 926-1620<br>agraves@evans-graves.com                                          |

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

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



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

6/24/2025

Date:

**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.**

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

Firm(s):  
Urban Systems, Inc.

Firm(s)' %:  
4.25%

**12. 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 discipline, as well as the overall total percent of the contract.

The **only** 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.**

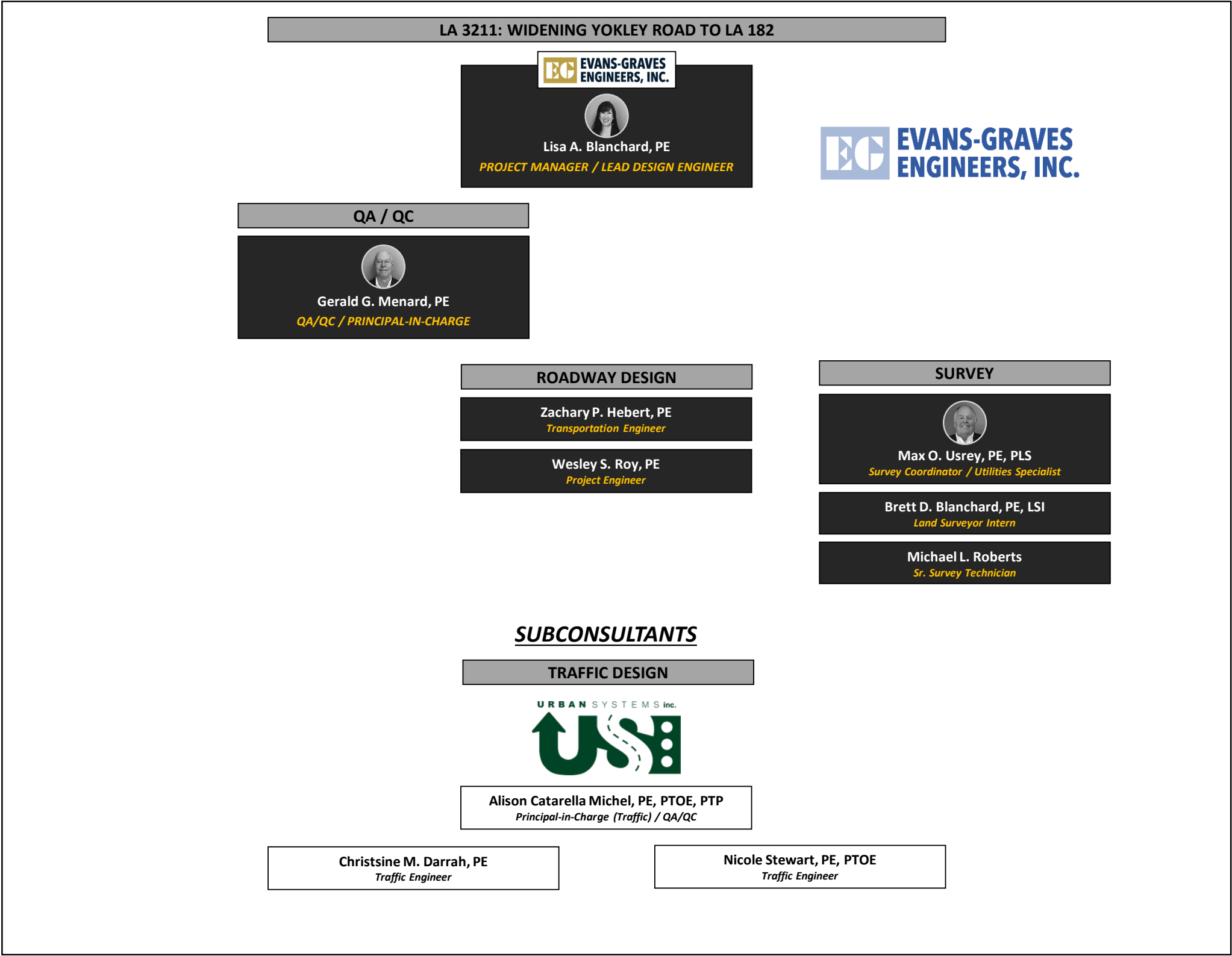
| Discipline(s)                                                                                                                    | % of Overall Contract | Prime<br><i>Evans-Graves Engineers, Inc.</i> | Firm B<br><i>Urban Systems, Inc.</i> | Firm C | Each Discipline must total to 100% |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|--------------------------------------|--------|------------------------------------|
| Road                                                                                                                             | 85.00%                | 95.00%                                       | 5.00%                                | 0.00%  | <b>100%</b>                        |
| Survey                                                                                                                           | 15.00%                | 100.00%                                      | 0.00%                                | 0.00%  | <b>100%</b>                        |
| Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant. |                       |                                              |                                      |        |                                    |
| Percent of Contract                                                                                                              | <b>100%</b>           | 95.75%                                       | 4.25%                                | 0.0%   | 100.00%                            |

**13. Firm Size:**

| Firm name                    | DOTD Job Classification   | Number of personnel<br><u>committed to this contract</u> | Total number of personnel<br>available in this DOTD Job<br>Classification (if needed) |
|------------------------------|---------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| Evans-Graves Engineers, Inc. | Principal                 | 1                                                        | 2                                                                                     |
| Evans-Graves Engineers, Inc. | Supervisor - Eng          | 1                                                        | 4                                                                                     |
| Evans-Graves Engineers, Inc. | Supervisor - Other        | 1                                                        | 1                                                                                     |
| Evans-Graves Engineers, Inc. | Engineer                  | 3                                                        | 9                                                                                     |
| Evans-Graves Engineers, Inc. | Engineer Intern           | 1                                                        | 1                                                                                     |
| Evans-Graves Engineers, Inc. | Environmental Manager     | 0                                                        | 1                                                                                     |
| Evans-Graves Engineers, Inc. | Senior Technician         | 1                                                        | 1                                                                                     |
| Evans-Graves Engineers, Inc. | Surveyor                  | 1                                                        | 2                                                                                     |
| Evans-Graves Engineers, Inc. | CADD Technician           | 1                                                        | 1                                                                                     |
| Evans-Graves Engineers, Inc. | CADD Operator             | 1                                                        | 4                                                                                     |
| Evans-Graves Engineers, Inc. | Party Chief               | 2                                                        | 2                                                                                     |
| Evans-Graves Engineers, Inc. | Rodman                    | 2                                                        | 3                                                                                     |
| Urban Systems, Inc.          | Supervisor – Eng          | 2                                                        | 2                                                                                     |
| Urban Systems, Inc.          | Engineer                  | 1                                                        | 2                                                                                     |
| Urban Systems, Inc.          | CADD Drafter              | 1                                                        | 2                                                                                     |
| Urban Systems, Inc.          | Engineer Intern           | 1                                                        | 1                                                                                     |
| Urban Systems, Inc.          | Other (Graduate Engineer) | 2                                                        | 3                                                                                     |

(Add rows as needed)

14. Organizational Chart:



**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.<br>Do not insert wording from ad | Personnel being used to meet the MPR<br>(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<br>(Ex: PE # - Civil) | State of license | License / certification expiration date |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------|-----------------------------------------|
| 1                                        | Gerald G. Menard, P.E.                                                                                                                                     | Evans-Graves Engineers, Inc.                                 | PE #20437 – Civil                                                                        | LA               | 3/31/2027                               |
| 2                                        | Gerald G. Menard, P.E.<br>Lisa A. Blanchard, P.E.                                                                                                          | Evans-Graves Engineers, Inc.<br>Evans-Graves Engineers, Inc. | PE #20437 – Civil<br>PE #32916 – Civil                                                   | LA<br>LA         | 3/31/2027<br>3/31/2027                  |
| 3                                        | Gerald G. Menard, P.E.<br>Lisa A. Blanchard, P.E.                                                                                                          | Evans-Graves Engineers, Inc.<br>Evans-Graves Engineers, Inc. | PE #20437 – Civil<br>PE #32916 – Civil                                                   | LA<br>LA         | 3/31/2027<br>3/31/2027                  |
| 4                                        | Max O. Usrey, P.E., P.L.S.                                                                                                                                 | Evans-Graves Engineers, Inc.                                 | PLS #4737 – Survey                                                                       | LA               | 9/30/2025                               |

(Add rows as needed)

**16. Staff Experience:**

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                |                |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                |                |
| Name                                                     |  <b>Lisa A. Blanchard, P.E.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Years of relevant experience with this employer                                                                                                | 19             |
| Title                                                    | Chief Transportation Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Years of relevant experience with other employer(s)                                                                                            | 4              |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BS / 2002 / Civil Engineering                                                                                                                  |                |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PE.32916 / Louisiana / 3/31/2027                                                                                                               |                |
| Year registered                                          | 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Discipline                                                                                                                                     | Civil Engineer |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Project Manager. Lisa will serve as point-of-contact to the DOTD PM and will serve as PM on the LA 3211: Widening Yokley Rd to LA 182 project. |                |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                |                |
| 06/14 - Present                                          | <b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish</b><br>Design Engineer for <b>preliminary plans</b> of approximately <b>six miles</b> of <b>urban</b> and <b>rural roadway</b> on an <b>existing</b> and <b>new alignment</b> . Provided <b>typical roadway sections</b> including details for <b>pavement structure (designed by LADOTD)</b> to comply with designated Roadway Classifications and <b>mill</b> and <b>overlay</b> . Established <b>roadway</b> and <b>intersection horizontal geometry</b> and <b>vertical profile</b> including super elevation details. Design Engineer for five (5) roundabouts to be constructed on an <b>existing roadway</b> and involving complex construction phasing considerations. Performed <b>drainage design</b> using the LADOTD HYDR software including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drains. Developed <b>roadway templates</b> using MicroStation InRoads to create cross sections over the length of the project. |                                                                                                                                                |                |
| 01/23 - Present                                          | <b>4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03</b><br>Ms. Blanchard serves as the <b>project manager</b> and <b>lead design engineer</b> for this <b>retainer contract for roadway design services, consisting of three (3) assigned task orders</b> to date. Duties include <b>coordination of subconsultants, QC, and project scheduling</b> . Task orders include preparation of <b>preliminary</b> and <b>final plans</b> for: the <b>mill and overlay</b> of LA 347, including <b>patching of the failed base course</b> , along with <b>drainage improvements</b> to remediate/supplement the sub-surface drainage; the <b>addition of turn lanes</b> from LA 182 onto Duchamp Road, including <b>milling and overlay</b> ; and the <b>mill and overlay</b> of the existing roadway and shoulders on US 90 along with <b>drainage</b> and <b>intersection improvements</b> . EG Fee: \$976.9K                                                                                                             |                                                                                                                                                |                |
| 09/22 - Present                                          | <b>MOVEBR: Mickens Road (Hooper Road to Joor Road), Baton Rouge, LA</b><br><b>Project engineer</b> and <b>lead designer</b> for the performance of a <b>design study, construction plans, cost estimates, and construction phase support for capacity improvements</b> to approximately <b>2.8 miles</b> of the Mickens Road corridor. As part of this work, Ms. Blanchard has overseen the performance of <b>topographic surveys</b> using Evans-Graves’ in-house survey crews. Design work has included studies and design for the incorporation of <b>Complete Streets</b> features for the corridor, including the design of a <b>new ADA-compliant sidewalk</b> and <b>multi-purpose pathway</b> to potentially be included in the project’s final design.                                                                                                                                                                                                                                                                                                |                                                                                                                                                |                |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07/17 – Present | <p><b>Move Ascension: Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b></p> <p>Project Engineer under a task order based contract to provide professional engineering services for roadway projects to improve traffic congestion in Ascension Parish. Ms. Blanchard is currently performing <b>roadway engineering</b> and <b>design</b> under a task order for <b>safety widening</b> and associated <b>mill</b> and <b>overlay</b> of approximately 9,000 feet of Germany Road between US 61 (Airline Highway) to LA 44. Each lane is being widened to 11' with 2' paved shoulders and all side ditches are being regraded to provide 4:1 foreslopes over the entire project length. The project has <b>multiple funding sources</b> and requires <b>LADOTD oversight</b> and <b>involvement</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 05/13 - Present | <p><b>Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA</b></p> <p>Project Engineer. Ms. Blanchard assisted in preparation of <b>roadway plans</b> including the generation of the <b>pavement marking layout</b> and the <b>joint layout sheets</b> and updates to the <b>geometric layouts</b>. Also prepared <b>plans</b> for the realignment of Pecue Lane at Perkins Road as part of intersection improvements. The project scope included the design of a <b>four lane, curb and gutter urban collector</b> with <b>enclosed drainage system</b> that would connect Perkins Road with the Mall of Louisiana Boulevard. Design work included <b>horizontal</b> and <b>vertical geometry</b> and <b>drainage</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 04/18 – 08/21   | <p><b>Move Ascension: US 61 and Germany Road Intersection Improvements, Ascension Parish, LA</b></p> <p>Project Engineer. Ms. Blanchard was responsible for the design of <b>preliminary</b> and <b>final roadway plans</b> and <b>specifications</b>, in addition to providing <b>project oversight</b>. Project involved the design of <b>roadway improvements</b> and associated <b>mill</b> and <b>overlay</b> at the intersection of US 61 and Germany Road. The project included the <b>reconfiguration of the existing intersection</b> to include Left turn, Through, and Right turn lanes from Germany Rd. onto US 61, as well as a through lane from Duplessis Rd. across US 61 onto Germany Rd.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 05/14 – 03/18   | <p><b>4400004357: Retainer Contract for Traffic Engineering Management Roadway Projects Statewide</b></p> <p>Ms. Blanchard served as the <b>project engineer</b> for <b>3 task orders</b> for this <b>retainer contract</b>. Projects included a <b>single lane rural roundabout</b> in Terrebonne Parish, an urban <b>two-lane roundabout</b> in Livingston Parish, and a “<b>road diet</b>” conversion of a 6 lane urban arterial into a <b>Superstreet</b> by elimination of full access median openings (i.e., crossovers) and replacing with directional left turns and U-turns on the arterial. The Superstreet converted approximately three (3) miles of an existing six (6) lane urban arterial on US 190 in St. Tammany Parish. Specific duties performed by Ms. Blanchard included production of <b>preliminary</b> and <b>final plans</b>, <b>typical roadway sections</b> including details for <b>pavement structure</b> (designed by LADOTD) to comply with designated <b>roadway classifications</b>, <b>roadway</b> and <b>intersection horizontal geometry</b> and <b>vertical profile</b>, and <b>QC of drainage design</b> and <b>sequence of construction design</b>, including <b>plan checking</b> and <b>quantity determination</b>.</p> |
| 12/03 – 03/11   | <p><b>700-30-0051: US 167 (Winnfield to LA 1236), Winn Parish, LA</b></p> <p>As Project Engineer, Ms. Blanchard developed <b>typical roadway sections</b> and <b>detailed pavement structure</b> (designed by <b>LADOTD</b>) for the designated Roadway Classification. Typical Sections included <b>alternatives</b> for both <b>asphalt</b> and <b>concrete pavement</b>. She also set <b>vertical</b> and <b>horizontal geometry</b> and provided <b>intersection geometric details</b>. Ms. Blanchard also contributed to the <b>comprehensive drainage design</b> for the project including <b>estimation of drainage areas</b>, <b>computation of peak runoff</b>, and <b>selection of most economical cross drain culverts</b>. Assisted in the development of <b>ditch grades</b>, determining <b>limits of construction</b>, and <b>recommended right-of-way</b>. Coordinated design work with <b>KCS Railroad</b>, which parallels and crosses the project.</p>                                                                                                                                                                                                                                                                                        |

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                                                           |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------|
| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                                                           |
| Name                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Gerry G. Menard, P.E.            | Years of relevant experience with this employer<br>34     |
| Title                                                    | Principal / Sr. Transportation Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  | Years of relevant experience with other employer(s)<br>12 |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BS / 1978/ Civil Engineering     |                                                           |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PE.20437 / Louisiana / 3/31/2027 |                                                           |
| Year registered                                          | 1983                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Discipline                       | Civil Engineer                                            |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Principal-in-Charge / QA/QC      |                                                           |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                                                           |
| 06/14 - Present                                          | <b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish</b><br>Project manager and lead design engineer for the LADOTD’s I-12 to Bush roadway project. Mr. Menard has performed <b>design oversight</b> and <b>QC checking</b> for <b>typical roadway sections</b> including <b>roadway</b> and <b>intersection horizontal geometry</b> and <b>vertical profile</b> with super elevation details, including <b>five (5) roundabouts</b> to be constructed on an existing roadway involving <b>complex construction phasing considerations</b> . The project consists of approximately 6 miles of roadway. The first 2.5 miles of the project involves <b>widening</b> the roadway from <b>two lanes to four lanes</b> along the existing alignment of LA 434. The remaining 3.5 miles of the project consists of designing a four-lane divided roadway on a new alignment.                                    |                                  |                                                           |
| 01/23 - Present                                          | <b>4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03</b><br>Mr. Menard serves as the <b>supervising engineer</b> for this <b>retainer contract for roadway design services, consisting of three (3) assigned task orders</b> to date. Task orders include preparation of <b>preliminary</b> and <b>final plans</b> for: the <b>mill and overlay</b> of LA 347, including <b>patching of the failed base course</b> , along with <b>drainage improvements</b> to remediate and/or supplement the sub-surface drainage; the <b>addition of turn lanes</b> from LA 182 onto Duchamp Road, including <b>milling and overlay</b> ; and the <b>mill and overlay</b> of the existing roadway and shoulders on US 90: Scott C/L – (Former) LA 182 along with <b>drainage</b> and <b>intersection improvements</b> . EG Fee: \$976.9K                                                       |                                  |                                                           |
| 04/09 - Present                                          | <b>H.004420: LA 302: Bayou Barataria Bridge Replacement, Jefferson Parish, LA (LADOTD)</b><br>Mr. Menard is Project Manager for the <b>replacement</b> of the existing low-level swing span bridge on LA 302 over Bayou Barataria at Jean Lafitte. This project consists for four phases. In the first phase, EG performed an <b>Economic Benefit Study</b> for the purpose of pursuing an alternative funding source (Truman Hobbs Funds) for the project. The second phase was performed concurrent with the first and consisted of the <b>topographic survey, design</b> and preparation of <b>Preliminary Plans</b> and preparation of <b>right-of-way maps</b> for the <b>road and bridge (approach spans)</b> . The third phase consists of the <b>final design</b> and preparation of <b>plans</b> for <b>road and bridge (approach spans)</b> . The fourth phase will be for <b>construction related services</b> . |                                  |                                                           |
| 01/13 – Present                                          | <b>H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA</b><br>As Project Manager on Phase 1, Mr. Menard was responsible for the performance of <b>preliminary</b> and <b>final design</b> as part of the redesign of LA 52 using LADOTD’s <b>Complete Streets</b> approach for associated drainage improvements, landscaping, and construction of a <b>multi-use pathway</b> and <b>ADA-compliant pedestrian sidewalk</b> . Project involves engineering and design and                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |                                                           |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|                 | all related supplemental services for <b>drainage improvements</b> and <b>Complete Streets</b> services along LA 52. On Phase 2, Mr. Menard will assist with the <b>QA/QC</b> of plans and specifications. This project was partially <b>grant funded</b> and is being designed in accordance with <b>FHWA design standards</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 05/13 - Present | <b>Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA</b><br>Mr. Menard serves as Project Manager for an <b>urban roadway</b> project that will connect Perkins Road (LA 427) to Mall of Louisiana Boulevard/I-10 Interchange, and is intended to <b>relieve traffic congestion</b> on Bluebonnet Blvd. Mr. Menard is overseeing the design of the <b>four-lane curb-and-gutter project</b> , which has included a <b>design study</b> and the preparation of <b>preliminary and final plans</b> . Additional project features include a <b>raised median</b> , sidewalks, a new bridge crossing at Dawson Creek, and an underpass at the Kansas City Southern (KCS) railroad. Project consists of approximately <b>1 mile of roadway</b> , 3 roadway bridges, a railroad underpass, a stormwater pumping station, retaining walls, and a railroad bridge. |
| 07/17 – Present | <b>Move Ascension: Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b><br>Mr. Menard serves as project manager and lead design engineer. Services performed by Mr. Menard have included <b>oversight of survey personnel</b> , preparation of <b>preliminary and final roadway plans and specifications</b> for mill and overlay design, development of right-of-way maps, and <b>construction engineering and inspection</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 06/02 - 10/21   | <b>MOVEBR: South Choctaw Drive Widening and Intersection Improvements (Flannery Road to Central Thruway), Baton Rouge, LA</b><br>Project Manager for Phase I and project engineer for Phase II to produce construction plans for a <b>2 lane roadway widened to 4 lanes with intersection improvements</b> . Tasks completed by Mr. Menard include <b>alignment and turn lanes geometry, grading &amp; geometric layouts</b> , and <b>quantity calculations</b> . Additional funding to complete Phase II of the project was received in 2020 and the project was completed in 2021.                                                                                                                                                                                                                                                                                                              |
| 05/14 – 03/18   | <b>4400004357: Retainer Contract for Traffic Engineering Management Roadway Projects Statewide</b><br>Mr. Menard served as the <b>supervising engineer</b> for <b>3 task orders</b> for this <b>retainer contract</b> . Projects included a <b>single lane rural roundabout</b> in Terrebonne Parish, an urban <b>two-lane roundabout</b> in Livingston Parish, and a “ <b>road diet</b> ” conversion of a 6 lane urban arterial into a <b>Superstreet</b> by elimination of full access median openings (i.e., crossovers) and replacing with directional left turns and U-turns on the arterial. The Superstreet converted approximately three (3) miles of an existing six (6) lane urban arterial on US 190 in St. Tammany Parish.                                                                                                                                                            |

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| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                               |                                                     |
| Name                                                     |  <b>Zachary P. Hebert, P.E.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                               | Years of relevant experience with this employer     |
|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                               | 5                                                   |
| Title                                                    | Transportation Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               | Years of relevant experience with other employer(s) |
|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                               | 0                                                   |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BS / 2020 / Civil Engineering                                                                                 |                                                     |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PE.49607 / Louisiana / 3/31/2027                                                                              |                                                     |
| Year registered                                          | 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Discipline                                                                                                    | Civil Engineer                                      |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Transportation Engineer. Zach will assist the design team with the development of roadway and drainage plans. |                                                     |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                               |                                                     |
| 07/20 - Present                                          | <b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish</b><br>Transportation engineer for <b>preliminary plans</b> of approximately <b>six miles of urban and rural roadway</b> on an <b>existing and new alignment</b> . Services provided by Mr. Hebert include <b>quantity and calculation checks</b> for the <b>bridge and roadway, ditch geometry design, and cross drain analysis and design</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |                                                     |
| 01/23 - Present                                          | <b>4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03</b><br>Mr. Hebert serves as <b>project engineer</b> for this <b>retainer contract for roadway design services, consisting of three (3) assigned task orders</b> to date. Mr. Hebert is assisting the design team with all necessary engineering and related services required to keep these task orders <b>on schedule and under budget</b> . Task orders include preparation of <b>preliminary and final plans</b> for: the <b>mill and overlay</b> of LA 347, including <b>patching of the failed base course</b> , along with <b>drainage improvements</b> to remediate and/or supplement the sub-surface drainage; the <b>addition of turn lanes</b> from LA 182 onto Duchamp Road, including <b>milling and overlay</b> ; and the <b>mill and overlay</b> of the existing roadway and shoulders on US 90: Scott C/L – (Former) LA 182 along with <b>drainage and intersection improvements</b> . EG Fee: \$976.9K |                                                                                                               |                                                     |
| 07/20 – Present                                          | <b>Move Ascension: Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b><br>Mr. Hebert serves as transportation engineer on this project for the redesign of the US 61 and Germany Road intersection as part of Ascension Parish’s <b>Move Ascension Program</b> . The project includes the addition of dedicated <b>right and left turn lanes</b> on Germany Road, along with <b>subsurface drainage</b> and associated <b>mill and overlay</b> . Services performed by Mr. Hebert include <b>quantity and drainage calculation checks</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                               |                                                     |
| 07/20 – Present                                          | <b>H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA</b><br>Mr. Hebert serves as transportation engineer on this project for the redesign of LA 52 using the LADOTD’s <b>Complete Streets</b> approach for <b>associated drainage improvements</b> , landscaping, and <b>construction of a multi-use pathway and ADA-compliant pedestrian sidewalk</b> . Services performed by Mr. Hebert have included <b>preliminary research</b> of the area, <b>storm drain inlet spacing</b> , and <b>subsurface storm drainage</b> for one of the 0.8-mile long project phases. This project is partially grant funded and is being designed in accordance with <b>FHWA design standards</b> .                                                                                                                                                                                                                                                                                                             |                                                                                                               |                                                     |

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| 09/22 - Present | <p><b>MOVEBR: Mickens Road (Hooper Road to Joor Road), Baton Rouge, LA</b></p> <p>Transportation engineer for the performance of a <b>design study, construction plans, cost estimates, and construction phase support</b> for <b>capacity improvements</b> to approximately <b>2.8 miles</b> of the Mickens Road corridor. Design work has included studies and design for the incorporation of <b>Complete Streets</b> features for the corridor, including the design of a <b>new ADA-compliant sidewalk</b> and <b>multi-purpose pathway</b> to potentially be included in the project's final design.</p> |
| 04/21 - Present | <p><b>MOVEBR: North Blvd. Corridor Enhancement (I-110 to Foster/Florida), Baton Rouge, LA</b></p> <p>Mr. Hebert serves as transportation engineer on this project and has performed <b>flood stage</b> and <b>watershed determinations</b> for Ward Creek and a <b>watershed determination</b> for Cloud Canal as part of EG's design work on the project. This MOVEBR project involves the design of <b>corridor improvements</b> including <b>Complete Streets</b> mobility improvements for approximately 2.65 miles of roadway from Interstate 110 to Florida Blvd.</p>                                    |

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| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |                |
| Name                                                     |  <b>Wesley S. Roy, P.E.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Years of relevant experience with this employer                     | 1              |
| Title                                                    | Civil Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Years of relevant experience with other employer(s)                 | 16             |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BS / 2007 / Civil Engineering                                       |                |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PE.49529 / Louisiana / 3/31/2027                                    |                |
| Year registered                                          | 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Discipline                                                          | Civil Engineer |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Project Engineer. Wesley will assist with roadway plan development. |                |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |                |
| 01/25 - Present                                          | <b>H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA</b><br>Mr. Roy serves as <b>project engineer</b> and is performing <b>preliminary</b> and <b>final design</b> for the design of Phase 2 of the LA 52 project using LADOTD <b>Complete Streets</b> approach for associated <b>drainage improvements, landscaping</b> , and construction of a <b>multi-use pathway</b> and <b>ADA-compliant pedestrian sidewalk</b> . Project involves <b>engineering</b> and <b>design</b> and all related supplemental services for <b>drainage improvements</b> and <b>Complete Streets</b> services along LA 52. As part of this work, Mr. Roy performed drainage calculations and roadway grade profiles. This project was <b>partially grant funded</b> and is being designed in accordance with <b>FHWA</b> and <b>LADOTD</b> design standards. Construction Cost: \$9.26m |                                                                     |                |
| 04/25 - Present                                          | <b>H.014483.5: US 90: Scott C/L – (Former) LA 182, Lafayette Parish, LA</b><br>Mr. Roy serves as <b>project engineer</b> is performing <b>preliminary</b> and <b>final design</b> for the <b>mill</b> and <b>overlay</b> of the existing roadway and shoulders with <b>drainage</b> and <b>intersection improvements</b> . EG Fee: \$314.2K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |                |
| 12/24 - Present                                          | <b>James L. Hunt Road Improvements, Southern University, Baton Rouge, LA</b><br><b>Project Engineer.</b> Mr. Roy performed <b>engineering</b> and <b>design services</b> for the development of <b>final plans</b> and <b>bid documents</b> for the rebuild of James L Hunt Road serving the Southern University Agricultural Center campus. Design included <b>asphalt mill and overlay</b> for approximately <b>0.5 miles</b> of <b>two lane roadway</b> with <b>new striping</b> and <b>driveway transitions</b> . Additional services performed by Mr. Roy will include assistance with <b>construction bidding</b> and <b>construction administration</b> . EG Fee: \$54.7K                                                                                                                                                                                                         |                                                                     |                |
| 2017 - 2022                                              | <b>H.012856 Natchez Drive Rehabilitation, Slidell, LA</b><br><b>Project Engineer.</b> Mr. Roy designed a <b>two lane divided roadway</b> with <b>left-turn lanes cut into the median</b> at various locations. The objective of the project was to <b>rehabilitate the roadway pavement</b> and <b>correct minor deficiencies</b> in roadway <b>drainage structures</b> of Natchez Drive from the I-10 East Service Road. Mr. Roy designed and developed the <b>complete civil engineering plan set</b> for <b>DOTD approval</b> .                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                |
| 2017 - 2021                                              | <b>H.011721 US 190/LA 22 Improvements, Mandeville, LA</b><br><b>Project Engineer.</b> Project involved the construction of <b>temporary signals</b> , <b>pavement widening</b> and <b>subsurface drainage</b> , removal of the <b>existing roadway</b> , <b>cold milling and overlay</b> , construction of <b>curb and gutter islands</b> , reconstruction of <b>drive</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |                |

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|               | <b>aprons, and construction of permanent traffic signaling. Mr. Roy designed and developed the complete civil engineering plan set for DOTD approval.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2017 - 2021   | <b>H.013381 Lindberg Drive @ US 190 (Gause Blvd), Slidell, LA</b><br><b>Project Engineer.</b> Project was designed to <b>reduce congestion</b> on the northbound approach of Lindberg Drive to the signalized intersection of US 190 (Gause Blvd) by <b>adding capacity</b> and <b>modifying traffic signal phasing and timing</b> . Improvements also included the <b>re-striping</b> of the opposing Kensington Blvd southbound approach to US 190 (Gause Blvd). Mr. Roy designed and developed the <b>complete civil engineering plan set for DOTD approval.</b>                         |
| 05/16 – 05/17 | <b>Forest Cove Road Improvement Project, D'Iberville, MS</b><br><b>Project Engineer.</b> Project included <b>rehabilitation</b> and <b>improvement</b> of the <b>existing roadway</b> to ensure <b>positive drainage runoff</b> by providing a <b>milling/paving plan</b> for <b>parking areas</b> . As project engineer, Mr. Roy was responsible for the design of <b>striping details</b> and put together plans for the <b>rehabilitation</b> of the roadway's <b>existing surface drainage</b> .                                                                                        |
| 05/16 – 05/17 | <b>Coast Electric Gulfport Site Improvement &amp; Drainage Project, Gulfport, MS</b><br><b>Project Engineer.</b> Mr. Roy, as project engineer, designed <b>paving</b> and <b>subsurface drainage improvements</b> to ensure <b>positive runoff</b> for a site that would hold <b>heavy duty traffic vehicles</b> .                                                                                                                                                                                                                                                                          |
| 08/12 – 05/16 | <b>Reconstruction and Widening of I-55 Terry to Byram (MDOT), Hinds County, MS</b><br><b>Project Engineer.</b> Mr. Roy was responsible for the production of conceptual and final roadway designs, plan preparation, horizontal and vertical geometric design, cost estimates, traffic control plans, temporary striping, and plan quantities for all items necessary for the project's construction and completion. Project involved the widening of I-55 to 6 lanes for approximately 6 miles and the LRFD structural design for retaining walls and widening of 6 bridges. MDOT project. |

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| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |                            |
| Name                                                     |  <b>Max O. Usrey, III, P.E., P.L.S.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Years of relevant experience with this employer                              | 31                         |
| Title                                                    | Professional Land Surveyor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Years of relevant experience with other employer(s)                          | 17                         |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BS / 1979 / Civil Engineering                                                |                            |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PE.20762 / Louisiana / 9/30/2025                                             |                            |
| Year registered                                          | 1992                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Discipline                                                                   | Civil Engineer             |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PLS.4737 / Louisiana / 9/30/2025                                             |                            |
| Year registered                                          | 1994                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Discipline                                                                   | Professional Land Surveyor |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sr. Project Surveyor. Responsible for the performance of topographic survey. |                            |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |                            |
| 01/24 – Present                                          | <b>H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA</b><br><b>Project Surveyor.</b> Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Usrey oversaw the performance of <b>topographic survey</b> for approximately <b>4,100 LF of roadway corridor</b> in accordance with <b>DOTD Location and Survey Manual</b> and <b>LADOTD Topographic Survey Guidelines</b> . All features in the field are being located to produce a <b>complete topographic survey</b> and <b>digital terrain model</b> of the project corridor, including <b>structure types</b> and <b>top elevations</b> , <b>storm drain pipe sizes</b> and <b>materials</b> , and <b>invert elevations</b> within the survey limits. <b>Horizontal</b> and <b>vertical controls</b> were set using <b>DOTD-required GPS methods</b> . Final survey submittal will include <b>.pdf files</b> and <b>notes, reports, tabulations, and verifications</b> . Total EG Fee: \$290.5K |                                                                              |                            |
| 2023 - Present                                           | <b>IIJA Off-System Bridge District 07, Statewide, LA</b><br><b>Project Surveyor.</b> Mr. Usrey oversaw and coordinated the performance of <b>topographic surveys</b> and <b>right-of-way mapping</b> for eight (8) DOTD projects as a subconsultant. Total EG Fee: \$300K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              |                            |
| 2021 - Present                                           | <b>4400021533: LADOTD IDIQ for Professional Surveying Services (with the Majority of Work in Districts 02, 61, and 62), Statewide, LA</b><br><b>Project Surveyor.</b> Mr. Usrey oversaw and coordinated the performance of <b>property surveys</b> and <b>right-of-way maps</b> as manager of a task order driven retainer contract for surveying services in support of DOTD projects. Over 18 task orders have been successfully completed to date. Total EG Fee: \$397K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |                            |
| 04/21 - Present                                          | <b>North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA</b><br><b>Project Surveyor.</b> Mr. Usrey oversaw and coordinated the performance of <b>topographic corridor surveys</b> as part of the <b>design study</b> and <b>preliminary design</b> phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD <b>Complete Streets</b> design, which includes the study and design of <b>ADA-compliant sidewalks</b> and <b>multi-use pathway</b> features. Total Fees: \$855K                                                                                                                                                                                                                                                                                                                                                                            |                                                                              |                            |

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| 11/22 - Present | <p><b>Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA</b><br/> <b>Project Surveyor.</b> Mr. Usrey oversaw the performance and coordination of a <b>topographic corridor survey</b> for the project, which will bring <b>capacity improvements</b> to approximately <b>2.8 miles</b> of the Mickens Road corridor. Design work performed by EG includes <b>studies</b> and <b>design</b> for the incorporation of <b>Complete Streets</b> features for the corridor, including the design of a <b>new ADA-compliant sidewalk</b> and <b>multi-purpose pathway</b> to potentially be included in the project's final design.</p>                                                                                                                                                                                                                                 |
| 2021            | <p><b>H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA</b><br/> <b>Project Surveyor/QA/QC.</b> Under a retainer contract for professional surveying services, Mr. Usrey managed and oversaw the performance of <b>property surveys</b> and <b>right-of-way maps</b> for identified areas, resulting in a <b>final right-of-way map</b> that consisted of 9 sheets containing 30 parcels. Mr. Usrey also oversaw the production of a <b>COGOWIN Parcel Program legal description .IN file</b> along with performance of <b>title research reports</b> showing the respective parcel number. <u>LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time and for providing additional right-of-way information that was beyond the scope of the contract,</u> which was a great benefit to the Real Estate section.</p> |
| 09/11 – 06/20   | <p><b>Read Blvd. East Neighborhood, New Orleans, LA</b><br/> <b>Project Surveyor/QA/QC.</b> Mr. Usrey performed oversight of <b>topographic</b> and <b>boundary surveys</b> for approximately <b>6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps</b> in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys included <b>utilities, drainage, and topographic features</b> for this multi-phased, FEMA funded, <b>roadway repair and replacement project</b>, which also includes the design of new <b>ADA-compliant sidewalks</b>. Project involved significant coordination between the City of New Orleans DPW, S&amp;WBNO, and FEMA.</p>                                                                                                                                                   |
| 04/19 – 09/19   | <p><b>H.007811: Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA</b><br/> <b>Project Surveyor/QA/QC.</b> Mr. Usrey supervised all phases of this task including <b>title work coordination and reconciliation, coordination and reconciliation of property surveys</b>, coordination and supervision of the <b>mapping production</b> and provided <b>quality control / checking</b> of the <b>final right of way maps</b>. Mr. Usrey also was the primary point of contact for the LADOTD for all matters concerning this project, which was successfully completed under an <b>expedited schedule</b> to the satisfaction of LADOTD personnel.</p>                                                                                                                                                                                |
| 08/15 – 08/18   | <p><b>4400005727: LADOTD Survey Retainer for Districts 02, 61, and 62</b><br/> <b>Contract Manager/Project Surveyor/QA/QC.</b> Manager of task order driven retainer contract for roadway surveying services for LADOTD. Provided the LADOTD with <b>property surveys</b> and <b>right-of-way maps</b> in Ascension, St. John the Baptist, Lafourche, Iberville, East Feliciana, Livingston, and Jefferson Parishes. Surveys have been used for road realignments, bridge replacements, intersection improvements, and widenings of various roadway sections across the state.</p>                                                                                                                                                                                                                                                                                               |

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| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |                      |
| Name                                                     |  <b>Brett D. Blanchard, P.E., L.S.I.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Years of relevant experience with this employer                                                                                          | 21                   |
| Title                                                    | Civil Engineer / Land Surveyor Intern                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Years of relevant experience with other employer(s)                                                                                      | 0                    |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BS / 2004 / Civil Engineering                                                                                                            |                      |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PE.34695 / Louisiana / 9/30/2025                                                                                                         |                      |
| Year registered                                          | 2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Discipline                                                                                                                               | Civil Engineer       |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LSI.516 / Louisiana / 9/30/2025                                                                                                          |                      |
| Year registered                                          | 2006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Discipline                                                                                                                               | Land Surveyor Intern |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Land Surveyor Intern. Brett will be responsible for the scheduling and oversight of all survey services to be performed by Evans-Graves. |                      |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |                      |
| 01/24 - Present                                          | <b>H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA</b><br><b>Land Surveyor Intern.</b> Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Blanchard assisted with the performance of <b>topographic survey</b> for approximately <b>4,100 LF of roadway corridor</b> in accordance with <b>DOTD Location and Survey Manual</b> and <b>LADOTD Topographic Survey Guidelines</b> . All features in the field are being located to produce a <b>complete topographic survey</b> and <b>digital terrain model</b> of the project corridor, including <b>structure types</b> and <b>top elevations, storm drain pipe sizes and materials, and invert elevations</b> within the survey limits. <b>Horizontal and vertical controls</b> were set using <b>DOTD-required GPS methods</b> . Final survey submittal will include <b>.pdf files and notes, reports, tabulations, and verifications</b> . Total EG Fee: \$290.5K |                                                                                                                                          |                      |
| 2023 - Present                                           | <b>IIJA Off-System Bridge District 07, Statewide, LA</b><br><b>Land Surveyor Intern.</b> Mr. Blanchard coordinated the performance of <b>topographic surveys</b> and <b>right-of-way mapping</b> for eight (8) DOTD projects as a subconsultant. Total EG Fee: \$300K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |                      |
| 2021 - Present                                           | <b>4400021533: LADOTD IDIQ for Professional Surveying Services (with the Majority of Work in Districts 02, 61, and 62), Statewide, LA</b><br><b>Land Surveyor Intern.</b> Mr. Blanchard coordinated the performance of <b>property surveys</b> and <b>right-of-way maps</b> as part of a task order driven retainer contract for surveying services in support of DOTD projects. Over 18 task orders have been successfully completed to date. Total EG Fee: \$397K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                          |                      |
| 04/21 - Present                                          | <b>North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA</b><br><b>Land Surveyor Intern.</b> Mr. Blanchard assisted with and coordinated the performance of <b>topographic corridor surveys</b> as part of the <b>design study</b> and <b>preliminary design</b> phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD <b>Complete Streets</b> design, which includes the study and design of <b>ADA-compliant sidewalks</b> and <b>multi-use pathway</b> features. Total Fees: \$855K                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                          |                      |

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|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/22 - Present | <p><b>Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA</b><br/> <b>Land Surveyor Intern.</b> Mr. Blanchard assisted with the performance and coordination of a <b>topographic corridor survey</b> for the project, which will bring <b>capacity improvements</b> to approximately <b>2.8 miles</b> of the Mickens Road corridor. Design work performed by EG includes <b>studies</b> and <b>design</b> for the incorporation of <b>Complete Streets</b> features for the corridor, including the design of a <b>new ADA-compliant sidewalk</b> and <b>multi-purpose pathway</b> to potentially be included in the project's final design.</p>                                                                                                                                                                                                                                       |
| 2021            | <p><b>H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA</b><br/> <b>Land Surveyor Intern.</b> Under a retainer contract for professional surveying services, Mr. Blanchard assisted with the performance of <b>property surveys</b> and <b>right-of-way maps</b> for identified areas, resulting in a <b>final right-of-way map</b> that consisted of 9 sheets containing 30 parcels. Mr. Blanchard also assisted with the production of a <b>COGOWIN Parcel Program legal description .IN file</b> along with performance of <b>title research reports</b> showing the respective parcel number. <u>LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time</u> and for providing <b>additional right-of-way information</b> that was <b>beyond the scope of the contract</b>, which was a great benefit to the Real Estate section.</p> |
| 09/11 – 06/20   | <p><b>Read Blvd. East Neighborhood, New Orleans, LA</b><br/> <b>Land Surveyor Intern.</b> Mr. Blanchard assisted with the performance of <b>topographic</b> and <b>boundary surveys</b> for approximately 6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys have included <b>utilities</b>, <b>drainage</b>, and <b>topographic features</b> for this multi-phased, FEMA funded, roadway repair and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&amp;WBNO, and FEMA.</p>                                                                                                                                                             |
| 2014 – 2018     | <p><b>H.010924: LA 75, Iberville Parish, LA</b><br/> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with <b>property survey</b> and <b>right-of-way maps</b> for 0.3 miles for the construction of <b>two roundabouts</b> and <b>realignment of LA 992-3</b> and Enterprise Boulevard in Iberville Parish, LA.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| Firm employed by Evans-Graves Engineers, Inc.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |     |
| Name                                                     |  <b>Michael L. Roberts</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Years of relevant experience with this employer                                      | 30  |
| Title                                                    | Sr. CADD Technician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Years of relevant experience with other employer(s)                                  | 15  |
| Degree(s) / Years / Specialization                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A                                                                                  |     |
| Active registration number / state / expiration date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A                                                                                  |     |
| Year registered                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Discipline                                                                           | N/A |
| Contract role(s) / brief description of responsibilities |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sr. CADD Technician. Mike will assist the design team with roadway plan development. |     |
| 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |     |
| 01/24 - Present                                          | <b>H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA</b><br><b>Sr. CADD Technician.</b> Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Roberts performed CADD work for <b>topographic survey</b> for approximately <b>4,100 LF of roadway corridor</b> in accordance with <b>DOTD Location and Survey Manual</b> and <b>LADOTD Topographic Survey Guidelines</b> . All features in the field are being located to produce a <b>complete topographic survey</b> and <b>digital terrain model</b> of the project corridor, including <b>structure types</b> and <b>top elevations</b> , <b>storm drain pipe sizes and materials</b> , and <b>invert elevations</b> within the survey limits. <b>Horizontal</b> and <b>vertical controls</b> were set using <b>DOTD-required GPS methods</b> . Final survey submittal will include <b>.pdf files</b> and <b>notes, reports, tabulations</b> , and <b>verifications</b> . Total EG Fee: \$290.5K |                                                                                      |     |
| 2023 - Present                                           | <b>IJA Off-System Bridge District 07, Statewide, LA</b><br><b>Sr. CADD Technician.</b> Mr. Roberts performed CADD work for <b>topographic surveys</b> and <b>right-of-way mapping</b> for eight (8) DOTD projects as a subconsultant. Total EG Fee: \$300K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |     |
| 2021 - Present                                           | <b>4400021533: LADOTD IDIQ for Professional Surveying Services (with the Majority of Work in Districts 02, 61, and 62), Statewide, LA</b><br><b>Sr. CADD Technician.</b> Under a retainer contract for professional surveying services, Mr. Roberts performed CADD work for <b>property surveys</b> and <b>right-of-way maps</b> . Over 18 task orders have been successfully completed to date. Total EG Fee: \$397K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      |     |
| 04/21 - Present                                          | <b>North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA</b><br><b>Sr. CADD Technician.</b> Mr. Roberts performed CADD work for <b>topographic corridor surveys</b> as part of the <b>design study</b> and <b>preliminary design</b> phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD <b>Complete Streets</b> design, which includes the study and design of <b>ADA-compliant sidewalks</b> and <b>multi-use pathway</b> features. Total Fees: \$855K                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |     |
| 11/22 - Present                                          | <b>Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA</b><br><b>Sr. CADD Technician</b> for <b>topographic survey</b> , <b>boundary survey</b> , and <b>ROW mapping</b> for <b>2.8 mile long corridor</b> to assist with design study and final design phases of the project. Additional work includes <b>field crew coordination</b> and <b>data processing of property surveys</b> , <b>property survey submittals</b> and production of the <b>final right-of-way maps</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                      |     |

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| 2021          | <p><b>H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA</b><br/> <b>Sr. CADD Technician.</b> Under a retainer contract for professional surveying services, Mr. Roberts performed CADD work for <b>property surveys</b> and <b>right-of-way maps</b>, including a <b>final right-of-way map</b> that consisted of 9 sheets containing 30 parcels. <u>LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time and for providing additional right-of-way information that was beyond the scope of the contract</u>, which was a great benefit to the Real Estate section.</p>                                                                                    |
| 09/11 – 06/20 | <p><b>Read Blvd. East Neighborhood, New Orleans, LA</b><br/> <b>Sr. CADD Technician.</b> Mr. Roberts performed CADD work for the <b>topographic</b> and <b>boundary surveys</b> for approximately 6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys have included <b>utilities, drainage, and topographic features</b> for this multi-phased, FEMA funded, <b>roadway repair</b> and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&amp;WBNO, and FEMA.</p> |
| 04/19 – 09/19 | <p><b>H.007811: Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA</b><br/> <b>Sr. CADD Technician.</b> Mr. Roberts performed multiple tasks including title work examination and <b>boundary/right-of-way determination, field crew coordination and data processing of property surveys, property survey submittals</b>, and production of the <b>final right of way maps</b>. Mr. Roberts also served as the CADD conform manager and drafting supervisor for all LADOTD submittals in this task.</p>                                                                                                                                                                       |
| 2016          | <p><b>700-36-0210: Lake Forest Blvd., Orleans Parish, LA</b><br/> <b>Sr. CADD Technician.</b> Mr. Roberts performed CADD work for the <b>topographic surveying</b> of a <b>road rehabilitation</b> to complete a 400 foot section of westbound Lake Forest Boulevard located 450 feet west of its interchange with I -510 in Orleans Parish, LA.</p>                                                                                                                                                                                                                                                                                                                                                                      |
| 2014          | <p><b>LA Highway 30 at South Purpera Avenue, Ascension Parish, LA</b><br/> <b>Sr. CADD Technician.</b> Mr. Roberts performed necessary CADD work for topographic survey for turn lanes and intersection improvements in Ascension Parish, LA.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2013 – 2017   | <p><b>249-90-0041, 826-39-0090, and 826-48-0005: LA 45, LA 302, and LA 3257, Jefferson Parish, LA</b><br/> As Sr. CADD Technician, Mr. Roberts performed CADD work for <b>property survey and right-of-way maps</b> for 2.2 miles for the widening of LA 45 and construction of a bridge over LA 302 over Bayou Barataria with a connection to LA 3257.</p>                                                                                                                                                                                                                                                                                                                                                               |

Firm employed by **Urban Systems, Inc.**

Alison Catarella Michel, P.E., PTOE, PTP, RSP<sub>2i</sub>  
President/Transportation Engineer



Years of relevant experience with this employer 24

Years of relevant experience with other employer(s) 3

|                                                          |           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------|-----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree(s) / Years / Specialization                       |           |            | BS / 1997 / Civil Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Active registration number / state / expiration date     |           |            | 30261 / Louisiana / 03/31/2027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Year registered                                          | 2002      | Discipline | Professional Engineer: Civil Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Active registration number / state / expiration date     |           |            | 1023 / Louisiana / 11/06/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Year registered                                          | 2002/2017 | Discipline | Professional Traffic Operations Engineering/ No.1023 / 11/06/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Active registration number / state / expiration date     |           |            | Professional Transportation Planner /No. 626/ 11/20/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Year registered                                          | 2023      | Discipline | Road Safety Professional 2i , No. 148/ 03/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contract role(s) / brief description of responsibilities |           |            | <b>Principal In Charge of Traffic Engineering Task / QA-QC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                          |           |            | Ms. Michel is a leading experience in Traffic Engineering and Transportation Planning and is a Professional Traffic Operations Engineer, Professional Transportation Planner and Road Safety Professional. She has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping. She has also prepared construction documents and provided construction engineering services for roadway modifications at intersections, for point repairs and for roadway reconstruction. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro and SIDRA. |
| 03/09-06/10                                              |           |            | <b>Increase Capacity of LA 311 (Little Bayou Black Road), Savanne Road to LA 664</b><br>This traffic study for the proposed widening of LA 311 from a two-lane undivided to a four-lane divided roadway was conducted under Ms. Michel's supervision. The focus of the study was the development and analysis of alternatives to meet LADOTD EDSM requirements regarding median openings. Ms. Michel was responsible for managing staff and QA/QC for project tasks including collecting traffic data, forecasting future traffic volumes, conducting capacity analysis for roadways and intersections using Highway Capacity Software, conducting turn lane and traffic signal warrants and calculating storage lengths for turn lanes.                                 |
| 03/11-05/13                                              |           |            | <b>Huey P. Long Bridge Widening - (Westbank and Eastbank Approaches and Main Bridge Deck Widening)</b><br>The contractor for the Huey P. Long Widening in Jefferson Parish, LA brought on USI about half-way into construction to improve the flow of traffic during required closures. Ms. Michel prepared traffic control devices plans (TCDP) for multiple phases of construction. The TCDPs also included the design of a traffic signal plan for the installation of temporary signal heads to control lane shifts.                                                                                                                                                                                                                                                 |

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| 01/12-10/14  | <p><b>LA 182 Widening Stage 0 Study</b></p> <p>Ms. Michel was the project manager for a Traffic Study for the Stage 0 Feasibility Study for widening of LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49 in Lafayette Parish. The corridor analysis included approximately 25 unsignalized and 5 signalized intersections. Ms. Michel performed QA/QC of the traffic data collected by others, oversaw the simulation models in effort using VISSIM and prepared the report summarizing the findings. Her participation in this project where USI was a sub to N-Y indicates a long-term working relationship between the firms.</p>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 05/09-06/10  | <p><b>LA 1088/I-12 Interchange</b></p> <p>Ms. Michel designed the permanent signage for the interchange on I-12 at LA 1088 in St. Tammany Parish, LA to reflect the new alignment. Traffic control device plans were designed based on the sequence of construction drawings and two phases of construction. Specifications for required S-items and a construction cost estimate were provided. This interchange was constructed successfully.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 08/09- 06/11 | <p><b>Widen US 190 from LA 1089 to US 11 Stage 0 Feasibility Study and Environmental Inventory</b></p> <p>Ms. Michel was project manager for a traffic study of existing and projected future traffic operations for the widening of US 190, from LA 1089 near Southeast Louisiana Hospital to US 11 in Slidell, approximately 18 miles. Traffic scenarios were developed for multiple Build alternatives which included three lanes, divided and five lane sections. The traffic study included: data acquisition; trip generation, traffic assignments and forecasting; and traffic analysis using Highway Capacity Software, (HCS+).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 01/14-08/19  | <p><b>US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project</b></p> <p>Ms. Michel was a member of the key personnel for this design-build project as the Traffic Engineer. The project included converting US 90 to a controlled access facility by converting at-grade intersections to an interchange. The bridge structure had to span the intersection and railroad. She supervised the design and analysis and performed QA-QC for temporary and permanent signal plans, permanent signage plans, temporary traffic control plans and the Transportation Management Plan. Signal plans were prepared using the DOTDs latest TSI format. Analysis included developing design hour volumes for the design year and modeling signals in Synchro. Phasing and timing were developed for both permanent and temporary signal operation. Ms. Michel supervised staff and assisted with services during construction including responding to inquiries and preparing adjusted Traffic Control Plans for unforeseen conditions during construction.</p> |
| 05/13-03/14  | <p><b>Old Hammond Highway (LA 426) Segment 1</b></p> <p>Ms. Michel managed the team that prepared the traffic engineering design study to develop conceptual alternatives for the intersection of Old Hammond Highway (LA 426) at South Flannery Road. The original study included analysis for widening of Old Hammond Hwy with signalization and warranted turn lanes. The corridor limits were expanded to include 10 intersections and approximately 30 driveways from Boulevard de Province to Millerville. The study included data collection, existing and projected traffic volume forecasting, capacity analyses using Synchro and SIDRA, identifying alternatives and safety analyses. Ms. Michel performed QA/QC of the analysis and technical report which concluded that the intersection should be converted to a multi-lane roundabout.</p>                                                                                                                                                                                                                       |

Firm employed by **Urban Systems, Inc.**

Nicole Stewart, P.E., PTOE  
Vice President / Transportation Engineer



Years of relevant experience with this employer

19

Years of relevant experience with other employer(s)

1.5

Degree(s) / Years / Specialization

BS / 2004 / Civil Engineering

Active registration number / state / expiration date

34750 / Louisiana / 09/30/2025

Year registered

2009

Discipline

Professional Engineer: Civil Engineering

Active registration number / state / expiration date

2923 / Louisiana / 08/14/2027

Year registered

2012

Discipline

Professional Traffic Operations Engineering

Contract role(s) / brief description of responsibilities

**Temporary Construction Signage, TCDP, Transportation Management Plan**

Ms. Stewart has experience in Traffic and Transportation Engineering and is a Certified Traffic Control Design Specialist. She also has experience in signal design and intersection improvements, microscopic modeling using CORSIM software, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TS/PP Draft in the analysis, timing and coordinating of traffic signals. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment including suburban road closures on multilane highways, rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term.

02/18-10/19

**Severn Ave: Veterans to W. Esplanade**

Ms. Stewart was the traffic engineering project manager of this Jefferson Parish roadway reconstruction project. Severn Ave is a heavily travelled multi-lane boulevard that required complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the design of temporary traffic control plans for multiple phases of construction, and she performed QA-QC. She coordinated with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.

12/16-04/21

**France Road - North Widening**

Over time, France Rd between Gentilly Blvd and Hayne Blvd had deteriorated pavement and was in need of widening and drainage repairs. Adjacent to the west side of the roadway was a concrete floodwall that limited Right Of Way and the ability to maintain two-way traffic throughout construction. Ms. Stewart developed site specific traffic control plans implementing a one-way system and detouring traffic that would normally traverse in the opposite direction of the allowed movement. The plans were designed in accordance with the latest version of the MUTCD and the City of New Orleans traffic control standards.

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|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03/10-07/10 | <p><b>USACE WBV-72 Levee Project</b></p> <p>Ms. Stewart has designed numerous Traffic Control Devices Plans to meet US Army Corps of Engineers, LADOTD and MUTCD standards. The plans and specifications included, but were not limited to, the proper placement of temporary Traffic Control Devices (signs, barricades, drums, roadway markings, etc.) to facilitate traffic safely and efficiently through the traffic control zone. Haul routes were designated when necessary. Many of the plans were for Corps of Engineers' projects.</p>                                 |
| 08/20-11/20 | <p><b>MSY Loyola Interchange Tie in and TNC Lot Access</b></p> <p>As the principal in charge of Traffic Engineering tasks, Ms. Stewart was responsible for reviewing previously prepared concepts for the I-10 off ramp tie into the MSY roadway network. During the design effort she managed the preparation of signage and striping plans. Ms. Stewart assisted the roadway designers with developing a sequence of construction to minimize the impact to motorists. Based on the sequence, she also designed the detailed, site specific traffic control devices plans.</p> |
| 03/17-03/18 | <p><b>Milan St Terminal</b></p> <p>Ms. Stewart was the Principal In Charge of the plan preparation of the Construction Sequencing and Permanent Striping Layouts and Signage plans. Ms. Stewart was responsible for the QA/QC and to confirm that it was in accordance with Port of New Orleans and MUTCD guidelines.</p>                                                                                                                                                                                                                                                        |
| 03/15-07/15 | <p><b>North Terminal Louis Armstrong New Orleans International Airport</b></p> <p>Ms. Stewart was the lead engineer for striping and signage items for the landside roadways. The plans were designed in accordance with the Manual of Uniform Traffic Control devices and LADOTD standards. Ms. Stewart also prepared specifications and a cost estimate for all of the design of the signage and striping plans.</p>                                                                                                                                                           |
| 05/06-07/11 | <p><b>Clearview Parkway at West Esplanade</b></p> <p>For the Clearview Parkway and West Esplanade Avenue Intersection Improvement project, Ms. Stewart prepared permanent traffic signal plans which included replacing the controller cabinet, mast arms, signal heads, power source, signs and vehicle detection and interconnect. She also prepared the Traffic Control Devices and Detour Plans to facilitate traffic through the phases of construction.</p>                                                                                                                |
| 03/12-11/13 | <p><b>MacArthur Interchange Signal Modification/ Signage &amp; Striping / Traffic Control Devices Plans</b></p> <p>The traffic study to evaluate the existing and projected operating conditions of the lower Westbank Expressway was prepared by Ms. Stewart. In the second phase, Ms. Stewart designed the new traffic signals for the interchange and adjacent signalized intersections. She prepared the striping, and signage plans to accommodate the ramp changes and prepared Traffic Control Devices Plans for the various stages of construction.</p>                  |

Firm employed by **Urban Systems, Inc.**

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                                                                                   |                                                     |    |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------|----|
|  | Christine M. Darrah, P.E.<br>Transportation Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |  | Years of relevant experience with this employer     | 10 |
|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                                                                                   | Years of relevant experience with other employer(s) | 20 |
| Degree(s) / Years / Specialization                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | BS / 1994 / Civil Engineering                                                     |                                                     |    |
| Active registration number / state / expiration date                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | 28528 / Louisiana / 09/30/2025                                                    |                                                     |    |
| Year registered                                                                   | 1999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Discipline | Professional Engineer: Civil Engineering                                          |                                                     |    |
| Contract role(s) / brief description of responsibilities                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | <b>Temporary Construction Signage , Sequence of Construction Task</b>             |                                                     |    |
|                                                                                   | Ms. Darrah has over twenty years of experience in Civil Engineering. She has experience in many different aspects of Transportation Engineering. Her design experience previous to USI included roadways from local roads to interstates, drainage systems, utility relocations/replacements and flood protection levees. A few of examples of her areas of expertise are geometric design, hydraulic analysis, construction document preparation for various agencies, construction cost estimating and construction administration. At USI, Ms. Darrah has prepared striping layouts and signage designs for new and modified intersections, parking lots, a bus turnaround and container yard for the Port of South Louisiana. She has assisted with and conducted QA/QC for roadway plan preparation, drainage design, signal design, calculating quantities for cost estimates and quality assurance based on LADOTD, East Baton Rouge Parish and/or City of New Orleans standards. In 2015, Ms. Darrah completed the LUSC Training Design, Construction & Maintenance of Green Infrastructure and is now a Water Wise NOLA certified Green Infrastructure Professional 1. |            |                                                                                   |                                                     |    |
| 06/22-10/22                                                                       | <b>KCS Acadian Thruway</b><br>This project included lane closures and full closure of Acadian Thruway at the KCS bridge near the I-10 interchange in East Baton Rouge Parish. Ms. Darrah prepared the Traffic Control Devices Plans applying MUTCD and LADOTD standards for proper placement of traffic control devices. Additionally, Ms. Darrah designed the striping signage layouts for lane closures on an I-10 on-ramp for laydown access and police-controlled haul routes. Her experience was invaluable given the schedule demands. The Plans were provided by the deadline and the bridge construction was successfully completed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                                                                                   |                                                     |    |
| 06/14-01/17                                                                       | <b>City Park Parking Lot Improvements</b><br>Ms. Darrah lent her expertise to design roadway and parking lot improvements in City Park, New Orleans, LA. Ms. Darrah provided QA-QC of the construction drawings and specifications to ensure accordance with all MUTCD, ADA, and New Orleans DPW requirements. Permeable asphalt pavement was used in the parking lot to incorporate green infrastructure in the project. The work consisted of geometric layout, grading, drainage, utility adjustments, striping and signage. Ms. Darrah also conducted construction administration services to ensure compliance with City of New Orleans DPW standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                                                                                   |                                                     |    |
| 09/15- ongoing                                                                    | <b>Picardy-Perkins Traffic Signal</b><br>Ms. Darrah was the design engineer for two (2) traffic signals for the Picardy-Perkins Connector Project. In this role she worked closely with the prime consultant, LADOTD, and East Baton Rouge Parish to design the traffic signal operation and identify locations for signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                                                                                   |                                                     |    |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | equipment. Signal requirements included video detection, pedestrian accommodations, and advanced warning due to limited sight distance at the railroad underpass. The plan preparation required coordination with both East Baton Rouge City-Parish and LADOTD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 09/14-12/14 | <b>SELA 26 Widening of Florida Ave. Canal Phase II and III</b><br>Ms. Darrah designed Traffic Control Devices Plans to meet US Army Corps of Engineers, LADOTD and MUTCD standards. The plans and specifications included, but were not limited to, the proper placement of temporary Traffic Control Devices (signs, barricades, drums, roadway markings, etc.) to facilitate traffic safely and efficiently through the traffic control zone. Haul routes were designated as needed.                                                                                                                                                                                                                                                                                 |
| 03/18-06/18 | <b>Audubon Nature Institute, Aquarium of the Americas, Master Plan</b><br>Ms. Darrah was the lead engineer and project manager for the widening and rehabilitation of the existing asphalt service alley along the riverfront of the Mississippi River in New Orleans, Louisiana. The purpose of the project was to provide an off-street bus drop off location for Aquarium visitors. Plans and specifications included typical sections, geometric layout, grading and drainage plans, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with N.O. Public Belt Railroad, surveyors and the geotechnical engineer.                                                                          |
| 03/21-04/21 | <b>I-610 Transmission Line Crossing at Frenchman</b><br>Ms. Darrah was the Project Engineer for this interstate closure to ensure public safety during overhead transmission lines repairs. This included a full closure of both directions of I-610 and the westbound on-ramp from Elysian Fields Ave, in New Orleans. Ms. Darrah coordinated the six-hour interstate closure and associated detours with LADOTD, the City of New Orleans, Entergy and contractors. She designed Traffic Control Devices Plans applying MUTCD, LADOTD and City of New Orleans standards for proper placement of traffic control devices including portable changeable message boards. Ms. Darrah utilized AutoCAD to assist in final preparation of plans to meet the tight schedule. |
| 03/17-03/18 | <b>Milan St Terminal</b><br>As the lead engineer, Ms. Darrah designed Construction Sequencing and Permanent Striping Layouts and Signage plans. Construction sequence included keeping port tenants fully operational through each phase of construction. All plans were prepared in accordance with LADOTD and MUTCD guidelines.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 06/21-10/21 | <b>MSY Entrance Road Capacity, North Terminal Louis Armstrong New Orleans International Airport</b><br>Ms. Darrah prepared temporary and permanent striping and signage plans for the widening of the Southbound Airport Access Roadway, realignment of TNC Road, and widening of Northbound Airport Access Rd. As part of this project, she performed a comprehensive review of the adjacent Airport Access Rd Improvements included in the I-10/Loyola Interchange Improvement project. The proposed improvements required temporary closure of one lane of the airport roundabout, roundabout slip lane and right lane of Northbound Airport Access Rd.                                                                                                             |

**17. Experience:**

|                                         |                                                                                          |                                                               |                                     |                  |
|-----------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------|------------------|
| Firm name                               | Evans-Graves Engineers, Inc.                                                             | Discipline(s)*                                                | Road                                |                  |
| Project name                            | <b>I-12 to Bush, LA 3241 (I-12 – LA 36)</b>                                              |                                                               | Firm responsibility (prime or sub?) | Prime            |
| Project number                          | H.004957.5                                                                               | Owner's name                                                  | LADOTD                              |                  |
| Project location                        | St. Tammany Parish, LA                                                                   |                                                               | Owner's Project Manager             | Joachim Umeozulu |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802; (225) 379-1386; joachim.umeozulu@la.gov |                                                               |                                     |                  |
| Services commenced by this firm (mm/yy) | 06/14                                                                                    | Total consultant contract cost (\$1,000's)                    |                                     | \$975            |
| Services completed by this firm (mm/yy) | TBD                                                                                      | Cost of consultant services provided by this firm (\$1,000's) |                                     | \$975            |

**Project Description:**

Evans-Graves Engineers (EG), acting as the design engineer for the project, is providing engineering and related services to the I-12 – LA 36 section of the DOTD's I-12 to Bush, LA 3241 project. The I-12 to LA 36 section of the project consists of providing a four-lane, divided roadway beginning at the I-12/LA 434 interchange and ending at LA 36. The project consists of approximately **six (6) miles of roadway**. The first 2.5 miles of the project involves **widening** the roadway from two lanes to four lanes with associated **mill** and **overlay** along the existing alignment of LA 434. The remaining 3.5 miles of the project consists of designing a four-lane divided roadway on a new alignment. Additional features designed by EG include **five (5) roundabouts to improve traffic flow along the corridor**. The project required additional right-of-way for the entire length of the project segment. EG was later supplemented to prepare **final plans, property surveys, and right-of-way maps**.

**Firm's Role:**

EG, as prime, is responsible for: Preparation of **design criteria** in accordance with the latest reference documents, including review of all relevant project documents—environmental studies, traffic data, parish maps, aerial photos, and DOTD roadway classifications; **site assessments; property surveys; right-of-way mapping; construction cost estimates** (itemizing construction, right-of-way, and utility relocation costs); **preliminary and final plans**

**G. Menard, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts**

|                                         |                                                                                       |              |                                                               |                         |                                     |         |
|-----------------------------------------|---------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------|-------------------------|-------------------------------------|---------|
| Firm name                               | Evans-Graves Engineers, Inc.                                                          |              | Discipline(s)*                                                |                         | Road                                |         |
| Project name                            | Retainer Contract for Traffic Engineering Management Roadway Projects                 |              |                                                               |                         | Firm responsibility (prime or sub?) | Prime   |
| Project number                          | 4400004357                                                                            | Owner's name | LADOTD                                                        |                         |                                     |         |
| Project location                        | Statewide, LA                                                                         |              |                                                               | Owner's Project Manager | Josh Harrouch                       |         |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802; (225) 242-4620; josh.harrouch@la.gov |              |                                                               |                         |                                     |         |
| Services commenced by this firm (mm/yy) |                                                                                       | 05/14        | Total consultant contract cost (\$1,000's)                    |                         |                                     | \$996.7 |
| Services completed by this firm (mm/yy) |                                                                                       | 03/18        | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$408.7 |

### **Project Description:**

Evans-Graves performed engineering and design for roadway projects under a **retainer contract** with LADOTD to provide engineering services for **roadway design statewide**. EG performed these services under three (3) separate task orders.

### **Firm's Role:**

Task Orders completed under this retainer contract included:

**LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish, LA** – An urban two-lane roundabout in Livingston Parish. Project includes **mill and overlay** in conjunction with an “**asphalt wedge**” to slightly change the vertical profile of Buddy Ellis Rd. Evans-Graves produced **preliminary** and **final plans** for the project. Design included **typical roadway sections; pavement structure details** (designed by LADOTD) to comply with designated Roadway Classification; establishment of **roadway and intersection horizontal geometry and vertical profile; drainage design**; and **sequence of construction planning and design**. Additional work included **boundary surveys, cost estimates and engineering support during construction**.



**LA 182: Roundabout at Hollywood Road, Terrebonne Parish, LA** - A single lane rural roundabout in Terrebonne Parish. EG produced **preliminary** and **final plans** for the project, including **drainage design, cost estimates, and sequence of construction design**.

**US 190 Superstreet, St. Tammany Parish, LA** - Conversion of a 6 lane urban arterial on US 190 from Rogers Lane to I-12 in St. Tammany Parish into a **Superstreet**. Project served as a **road diet** of approximately 3 miles of existing urban roadway. Evans-Graves **redesigned multiple intersections** along the three mile corridor converting them from traditional median openings to **signalized R-Cut type intersections**. Additionally, **J turns** were implemented between the existing intersections to **restrict left turn movements** and thereby **reduce the number of conflict points for motorists**.

**G. Menard, L. Blanchard, M. Usrey, B. Blanchard, M. Roberts**

|                                         |                                                                            |                                                               |                                     |           |
|-----------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------|-----------|
| Firm name                               | Evans-Graves Engineers, Inc.                                               | Discipline(s)*                                                | Road                                |           |
| Project name                            | <b>Retainer Contract for Roadway Design Services, District 03</b>          |                                                               | Firm responsibility (prime or sub?) | Prime     |
| Project number                          | 4400024832                                                                 | Owner's name                                                  | LADOTD                              |           |
| Project location                        | LADOTD District 03                                                         |                                                               | Owner's Project Manager             | Lea Smith |
| Owner's address, phone, email           | 428 Rue des Voyages, Lafayette, LA 70508; (337) 262-2375; lea.smith@la.gov |                                                               |                                     |           |
| Services commenced by this firm (mm/yy) | 01/23                                                                      | Total consultant contract cost (\$1,000's)                    |                                     | \$1,211.7 |
| Services completed by this firm (mm/yy) | TBD                                                                        | Cost of consultant services provided by this firm (\$1,000's) |                                     | \$976.9   |

### **Project Description:**

Starting in January 2023, Evans-Graves has performed engineering and design and survey services for roadway projects under a **retainer contract** with LADOTD for **roadway design services in DOTD District 03**. Under this five (5) year IDIQ contract, Evans-Graves has received three (3) task orders from DOTD to date:

**TASK ORDER NO. 1 – H.012618.5 – LA 347 DRAINAGE IMPROVEMENTS, ST. MARTIN PARISH:** Preparation of preliminary and final plans for the mill and overlay of LA 347, including patching of the failed base course, along with drainage improvements to remediate and/or supplement the sub-surface drainage to alleviate flooding along the route. Pavement design was provided by DOTD. EG Fee: \$372.2K

**TASK ORDER NO. 2 – H.014767.5 – LA 182 @ DUCHAMP INTERSECTION IMP, ST. MARTIN PARISH:** Preparation of preliminary and final plans for the addition of a northbound and southbound left turn lane from LA 182 onto Duchamp Road and related work, including milling and overlaying LA 182 within the project limits (See EG Project #5 included with this proposal for more information). EG Fee: \$290.5K

**TASK ORDER NO. 3 – H.014483.5 – US 90: SCOTT C/L – (FORMER) LA 182, LAFAYETTE PARISH:** Preparation of preliminary and final plans for the mill and overlay of the existing roadway and shoulders with drainage and intersection improvements. EG Fee: \$314.2K

### **Firm's Role:**

EG, as the Prime, has performed:

- **Topographic survey** (*in accordance with DOTD Location and Survey Manual*)
- **Preliminary plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)
- **Final plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)

Notably, EG's use of its experienced in-house survey crews expedited the performance of Task Order 2 due to efficiencies and communication between the survey and engineering and design processes.

**G. Menard, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts, W. Roy**



|                                         |                                                                            |              |                                                               |                         |                                     |         |
|-----------------------------------------|----------------------------------------------------------------------------|--------------|---------------------------------------------------------------|-------------------------|-------------------------------------|---------|
| Firm name                               | Evans-Graves Engineers, Inc.                                               |              | Discipline(s)*                                                |                         | Survey                              |         |
| Project name                            | H.014767.5: LA 182 @ Duchamp Intersection Improvements                     |              |                                                               |                         | Firm responsibility (prime or sub?) | Prime   |
| Project number                          | 4400024832                                                                 | Owner's name | LADOTD                                                        |                         |                                     |         |
| Project location                        | St. Martin Parish, LA                                                      |              |                                                               | Owner's Project Manager | Lea Smith                           |         |
| Owner's address, phone, email           | 428 Rue des Voyages, Lafayette, LA 70508; (337) 262-2375; lea.smith@la.gov |              |                                                               |                         |                                     |         |
| Services commenced by this firm (mm/yy) |                                                                            | 08/24        | Total consultant contract cost (\$1,000's)                    |                         |                                     | \$290.5 |
| Services completed by this firm (mm/yy) |                                                                            | TBD          | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$290.5 |

### **Project Description:**

Evans-Graves, under an IDIQ contract for roadway design services within LADOTD District 03, was tasked by LADOTD to perform engineering and related services for the **design of improvements** to the **LA 182 @ Duchamp Intersection** in St. Martin Parish, Louisiana. The project involves all design necessary for the addition of a northbound and southbound **left turn lane** from LA 182 onto Duchamp Road and related work, including **milling** and **overlaying** LA 182 within the project limits.

As part of this work, Evans-Graves is performing a **topographic survey** of the approximately **4,100 ft. corridor** in accordance with **DOTD Location and Survey Manual** requirements and **LADOTD Topographic Survey Guidelines**. All features in the field are being located to produce a **complete topographic survey** and **digital terrain model** of the project corridor, including **structure types** and **top elevations**, **storm drain pipe sizes** and **materials**, and **invert elevations** within the survey limits. **Horizontal** and **vertical controls** were set using **DOTD-required GPS methods**. Final survey submittal will include **.pdf files** of **notes**, **reports**, **tabulations**, and **verifications**. All submitted drawings will be generated in **MicroStation** in accordance with **LADOTD's preferred Styles and Settings**. Additional work to be performed by Evans-Graves includes **preliminary** and **final plans** for construction.

### **Firm's Role:**

Evans-Graves, as the Prime, performed:

- **Topographic survey** (*in accordance with DOTD Location and Survey Manual*)
- **Preliminary plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)
- **Final plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)

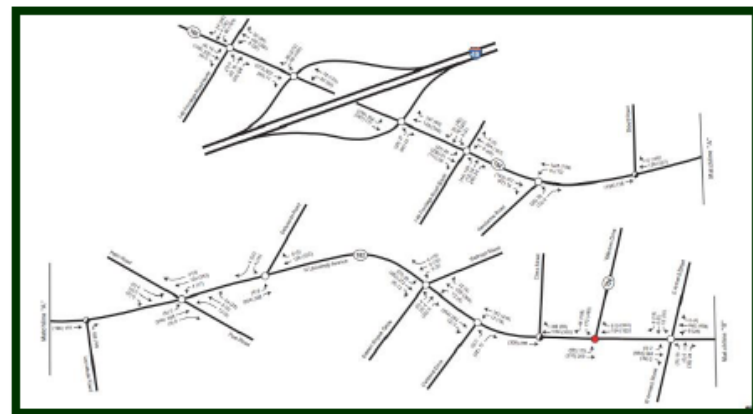
G. Menard, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts



|                                         |                                                                                     |                                                               |                         |                                     |         |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-------------------------------------|---------|
| Firm name                               | URBAN SYSTEMS inc.                                                                  |                                                               | Discipline(s)*          | Traffic                             |         |
| Project name                            | LA 182: Widening (W. Pont des Mouton Road to I-49) Stage 0 Feasibility Study        |                                                               |                         | Firm responsibility (prime or sub?) | Sub     |
| Project number                          | H.009215.1                                                                          | Owner's name                                                  | LADOTD                  |                                     |         |
| Project location                        | Lafayette Parish, LA                                                                |                                                               | Owner's Project Manager | Connie Porter Betts                 |         |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70804, 225-379-1297, Connie.Porter@la.gov |                                                               |                         |                                     |         |
| Services commenced by this firm (mm/yy) | 01/12                                                                               | Total consultant contract cost (\$1,000's)                    |                         |                                     | Unknown |
| Services completed by this firm (mm/yy) | 07/14                                                                               | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$116.8 |

The objective of the traffic study was to assess the feasibility of improving safety and increasing the capacity on LA 182 (North University Avenue) from Interstate 49 (I-49) to Lebesque Road/West Pont des Mouton Road in Lafayette, Louisiana. The traffic study was a technical appendix of the overall Stage 0 report. The cross section of the road varied along the project limits to include four-lane divided at the interchange, two-lane undivided and a three-lane section with a two-way left turn lane. Between West Pont des Mouton Road and Prejean/Arceneaux Road, the lack of turn lanes on the two-lane roadway did not permit separation of slow turning vehicles from the through lane. Existing major intersections have high delays, especially at the I-49 ramp and service roads. Potential future development in the study area is expected to significantly increase traffic demand.

Urban Systems collected twenty-four (24) hour traffic counts with tube count machines and manual turning movement counts. The tube counts included vehicle and speed classification. Urban Systems reviewed detailed crash reports for the study area, created collision diagrams, identified trends in the crash data, and completed Highway Safety Manual predicted crash rate analysis.



Urban Systems utilized existing traffic volumes, LADOTD historic ADT and the Capital Regional Planning Commission travel demand model output and existing land use to develop traffic projections using TransCAD.

The history of rear end crashes was identified in the two-lane section between West Pont des Mouton Road and Prejean/Arceneaux Road at minor intersections indicating the need for a turn lane.

VISSIM micro-simulation modeling and the crash analysis was used to determine initial build alternative concepts. Capacity analysis was conducted using Synchro and SIDRA.

Improvements to the corridor were identified including widening the two-lane section to include a two-way left turn lane, constructing a raised median, retrofitting to roundabouts, additional turn lanes, signal retiming, and intersection realignment. Due to the proximity of the I-49 ramp and service road intersections, several roundabout options were explored.

Urban Systems was a sub-consultant to N-Y on this project.

**Team members involved:** Alison Michel, Nicole Stewart, Matthew Morgan

|                                         |                                                                                                                                                                                                                                                                                              |                                                               |                                                      |                                     |                                  |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------|-------------------------------------|----------------------------------|
| Firm name                               | URBAN SYSTEMS Inc.                                                                                                                                                                                                                                                                           |                                                               | Discipline(s)*                                       | Traffic                             |                                  |
| Project name                            | 1. Hooper Road Extension, Route LA Hwy 408 Stage 0 Feasibility Study<br>2. LA 408 (Hooper Road): Widening (Sullivan Road to Greenwell Springs Road) Stage 0 Feasibility Study<br>3. Stage 1 Environmental Assessment LA Hwy 408 - Hooper Road Extension and Widening (LA 16 - Sullivan Road) |                                                               |                                                      | Firm responsibility (prime or sub?) | Sub                              |
| Project number                          | H.009215.1                                                                                                                                                                                                                                                                                   | Owner's name                                                  | LADOTD                                               |                                     |                                  |
| Project location                        | Lafayette Parish, LA                                                                                                                                                                                                                                                                         | Owner's Project Manager                                       | 1&3 : Nicholas Olivier, P.E., 2. Connie Porter Betts |                                     |                                  |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70804, 225-379-1297, <a href="mailto:Connie.Porter@la.gov">Connie.Porter@la.gov</a><br>1201 Capitol Access Road, Baton Rouge, LA 70804, 225-379-1133, <a href="mailto:Nicholas.Olivier@la.gov">Nicholas.Olivier@la.gov</a>                         |                                                               |                                                      |                                     |                                  |
| Services commenced by this firm (mm/yy) | 1.02/11<br>2.01/12<br>3.05/12                                                                                                                                                                                                                                                                | Total consultant contract cost (\$1,000's)                    |                                                      |                                     | Unknown                          |
| Services completed by this firm (mm/yy) | 1.01/12<br>2.09/12<br>3.12/15                                                                                                                                                                                                                                                                | Cost of consultant services provided by this firm (\$1,000's) |                                                      |                                     | 1. \$25<br>2. \$131<br>3. \$81.9 |

1. USI prepared a formal Traffic Study to assist with determining the extension project feasibility.

2. USI prepared a formal Traffic Study to assist with examining the feasibility of widening LA Highway 408 (Hooper Road) from LA 3034 (Sullivan Road) to LA 37/64 (Greenwell Springs Road) in East Baton Rouge Parish.

3. Urban Systems prepared a formal Traffic Study to be included in with the LADOTD Stage 1 Environmental Assessment. The projects includes the widening of LA 408 (Hooper Road) between Sullivan Road and LA 37/64 (Greenwell Spring Road) in East Baton Rouge Parish and the extension of Hooper Road from its existing terminus at LA 37/64 across the Amite River to LA 16 in Livingston Parish.

Two (2) alignments of the extension were carried forward from the Stage 0. An additional southern alignment was added to the Environmental Assessment based on public and stakeholder input. Projected traffic volumes were taken from the Stage 0 Studies and were previously approved by LADOTD. The traffic volumes were rerouted based on specific intersection configurations.



Various intersection alternatives were developed and analyzed at each of the subject intersections including signalization, grade separation, superstreets and roundabouts. Urban Systems utilized capacity analysis results to determine recommended lane configurations and storage lengths. Due to the various types of intersection configurations the following analysis software's were utilized:

- Highway Capacity Software (HCS+) was used to analyze the ramp junctions.
- SIDRA was used for intersections with roundabout alternatives or both roundabout and signal alternatives
- Synchro was used to analyze signalized intersection, superstreet intersections, and SPUI alternatives. The U-turns intersections for the J-turns were analyzed in Synchro as modified left turns based on DOTD's recommended guidelines for U-turn critical headway and follow-up headway values.
- VISSIM models were developed to evaluate each of the alternatives to determine expected operation, safety benefits and cost estimate for traffic control.

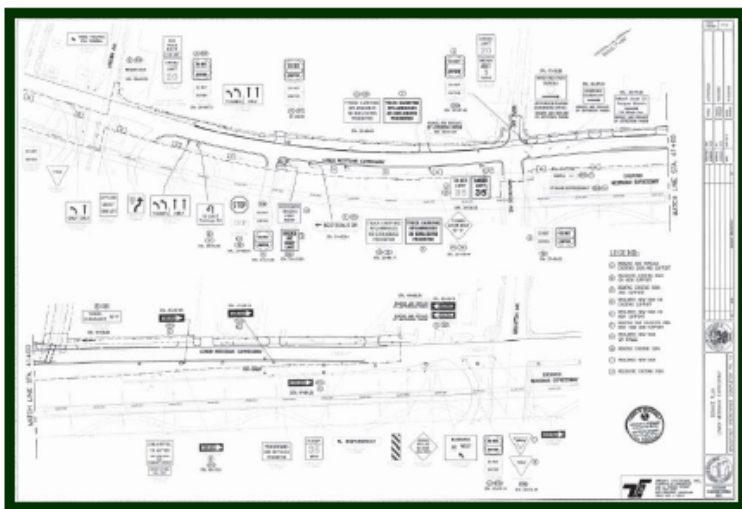
Results of the traffic analysis and intersection geometry were utilized to determine which intersection alternatives were carried through to the full Environmental Assessment.

Team members involved: Alison Catarella Michel, Kim Pham

|                                         |                                                                                                                    |                                                               |                  |                         |                                     |     |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------|-------------------------|-------------------------------------|-----|
| Firm name                               | URBAN SYSTEMS inc.                                                                                                 |                                                               | Discipline(s)*   |                         | Traffic                             |     |
| Project name                            | MacArthur Drive Interchange Completion Phase 1                                                                     |                                                               |                  |                         | Firm responsibility (prime or sub?) | Sub |
| Project number                          | H.009933                                                                                                           | Owner's name                                                  | Jefferson Parish |                         |                                     |     |
| Project location                        | Harvey, Jefferson Parish, LA                                                                                       |                                                               |                  | Owner's Project Manager | Steve Strength                      |     |
| Owner's address, phone, email           | 1221 Elmwood Park Blvd, Suite 904, Jefferson, LA, <a href="mailto:steve.strength@la.gov">steve.strength@la.gov</a> |                                                               |                  |                         |                                     |     |
| Services commenced by this firm (mm/yy) | 03/12                                                                                                              | Total consultant contract cost (\$1,000's)                    |                  |                         | Unknown                             |     |
| Services completed by this firm (mm/yy) | 03/20                                                                                                              | Cost of consultant services provided by this firm (\$1,000's) |                  |                         | \$25.5                              |     |

This project was for Phase I of the MacArthur Interchange Completion project, which included preliminary and final design for the new off and on ramps for the elevated westbound Westbank Expressway in Harvey, Louisiana between Manhattan Boulevard and Peters Rd. As the Traffic Engineering consultant for this project, Urban Systems, Inc. successfully completed the plans for the proposed construction sequencing, permanent signage, roadway striping and traffic signal design at the Brown Ave and Maple Ave intersections with the new ramps at the lower Westbank Expressway.

Urban Systems, Inc. developed the sequencing, which ultimately resulted in five construction phases. The Traffic Control Devices Plans were critical to facilitate traffic safely through the traffic control zone. These plans included lane closures, lane width reductions, detours and strategically sequencing the closure of commercial driveways to ensure that access to all businesses was maintained throughout construction.



The permanent signage and striping plans were prepared to safely and properly guide motorists to the new ramps. The signage design included both regulatory and guide signs, both smaller post mounted signs and large overhead structure mounted signs.

Urban Systems, Inc. also prepared the plans for the permanent traffic signals at Brown Avenue and Maple Avenue intersections with the Lower Westbank Expressway.

All plans were prepared to be in accordance with the 2009 edition of the Manual of Uniform Traffic Control Devices and the Louisiana Department of Transportation and Development's 2006 Standard Specifications for Roads and Bridges.

Team members involved: Nicole Stewart, Kim Pham

## 18. Approach and Methodology:

Since opening its doors in 1954, Evans-Graves Engineers, Inc. (EG) has grown proficient in DOTD's methods of project delivery and development, and the firm effectively communicates with DOTD personnel to satisfy project needs and expectations. Its staff performs tasks from hydraulic analysis and design to roadway and bridge design, and its in-house survey team has performed topographic surveys, property surveys and right-of-way mapping for DOTD with efficiency and accuracy. Together with experienced traffic engineering firm Urban Systems, Evans-Graves Engineers, Inc. has the staff and knowledge to tackle this contract and provide a quality design that meets or exceeds DOTD's expectations.

### UNDERSTANDING

The project involves widening LA 3211 from a two-lane undivided roadway to a four-lane divided roadway with a curbed median, extending approximately 4,750 linear feet from Yokley Road to the intersection of LA 182 in St. Mary Parish, LA.

The existing two-way section of LA 3211 is expected to be converted into a northbound roadway with two lanes. The existing road is anticipated to be milled and overlaid, and where a normal cross slope is existing, the cross slope of the road will be converted to a one-way slope through the use of asphalt leveling course to provide positive drainage away from the new project centerline.

A new two-lane southbound section with a curbed median, anticipated to be approximately 20 feet wide, will be constructed and will tie in to existing southbound sections at both ends of the project.

The typical section for the project will maintain an open ditch drainage section on the outsides of the northbound and southbound travel lanes.

Potential corridor improvements not specifically outlined in the scope of services include:

- Mill, overlay and restriping up to the intersections due to poor pavement condition
- Restriping on the LA 182 leg of the intersection to accommodate the conversion of the existing southbound lane of LA 3211 into two southbound lanes

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*The scope of work for the LA 3211: Widening Yokley Road to LA 182 project is well within the EG Team's capabilities due to our Team's exceptional past experience on similar DOTD contracts for roadway widening services.*

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Additionally, the project corridor contains other features that will require special consideration. A Class 1 (BNSF/UP) railroad crossing will need to be widened to encompass both existing northbound and proposed southbound lanes. LA 3211 includes two instances of superelevation along the roadway which will need to be designed for the roadway's designated classification. Coordination about the project with the Franklin Foundation Hospital at the corner of Yokley Road and LA 3211, which has an emergency department, will be paramount to the safety of the community.

The project will include:

- Roadway Widening
- New Southbound Alignment
- Topographic Survey
- Drainage Map
- Driveway Count
- Preliminary Plans (30%/60%/90%/100%)
- Final Plans (60%/95%/Sealed)

- Cost Estimate
- Utility Coordination
- Drainage Design
- Temporary Signing and Striping During Construction
- Permanent Signing and Striping
- Environmental Clearance Support
- Bidding Support Services

All design deliverables will be submitted to the DOTD Project Manager for distribution through ProjectWise or as directed by the DOTD Project Manager.

## APPROACH AND METHODOLOGY

### CONTRACT AWARD MEETING

After the LA 3211: Widening Yokley Road to LA 182 project is awarded, EG will request a meeting with the Project Manager. The meeting will allow the design team and DOTD to establish best communication practices and discuss PM expectations for the duration of the Contract.

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*In collaboration with DOTD, the Evans-Graves Team is fully committed to providing a practical and efficient design for the LA 3211 Widening project and will apply their knowledge and experience to complete this project on time and on budget.*

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### KICKOFF MEETING

The design team will coordinate a kickoff meeting date and time with stakeholder entities including DOTD and applicable District representatives.

Prior to the kickoff meeting, pre-design data will be obtained and reviewed, and a site visit will be conducted, as needed. These steps allow the designer to become familiar with the project corridor and preliminarily identify potential areas of concern for discussion at the kickoff meeting.

Establishing a detailed scope of work as early as possible is critical to the success of any project. At the kickoff meeting, the team will discuss project design details and Project Manager expectations to ensure all parties are well informed of the requirements of the project. In addition to design details, all parties will discuss the needs of topographic survey services. Project schedule will also be a significant agenda item at the meeting. Finally, the team will discuss potential project issues identified prior to the meeting and request any additional project data available.

## SCHEDULE

At the conclusion of the kickoff meeting, EG will, in coordination with the DOTD Project Manager, immediately develop a schedule considering the complexity of the project and need to facilitate efficient completion of all project deliverables. Potential time saving opportunities, such as the possibility of eliminating the 30% Preliminary Plan Submittal when deemed appropriate, will be discussed with the DOTD PM. Over the life of the project, Evans-Graves will ensure the design team understands, concurs with, and adheres to the schedule. A sample schedule for the LA 3211 Widening project is provided at the end of the Approach and Methodology section.

## TOPOGRAPHIC SURVEY

A comprehensive and thorough topographic survey is an integral part of a complete design. EG's survey section has gained extensive experience performing

topographic surveys for DOTD and others, integrating topographic surveys completed by others, including DOTD, and/or augmenting topographic surveys to satisfy the needs of the project. The EG Team's availability of two-man and three-man crews facilitate efficiency during the survey phase, and if needed, multiple crews can be assigned at once to expedite completion of the survey.

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*EG's in house survey section allows the team to easily coordinate with the surveyor to streamline the needs of the designer and facilitate the transfer of survey deliverables.*

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The topographic survey shall be performed in accordance with the DOTD Location and Survey Manual. **Once control is established, a sketch of the survey line shall be submitted to the DOTD Location and Survey Administrator for review and approval prior to proceeding further with the survey.**

Evans-Graves anticipates performing a topographic field survey of the 4,750 ft corridor using GPS and total station. As part of the survey, Evans-Graves will collect utility, drainage, and finish floor elevation data. This data will be used to generate a Digital Terrain Model (DTM) with 155 ft width coverage and drainage maps per DOTD requirements.

## DRIVEWAY COUNT

The EG team will perform a driveway count along the corridor that will include vehicle counts at all driveways and side roads to use for the assessment and determination of needs for median openings and U-turns. A summary of data will be provided in the form of a driveway/access analysis report.

The topographic survey and the driveway/side road counts can be performed concurrently during the beginning phases of the project. This hand-in-hand approach will allow for plan development to begin at an earlier stage.

## PRELIMINARY AND FINAL PLAN DEVELOPMENT

The completion of subtasks within any project culminates in the development of the preliminary and final construction plans. The design team will adhere to the DOTD design guidelines in an effort to minimize deviations where possible but will complete design waivers and exceptions when required. Additionally, QA/QC is an ongoing service performed throughout the life of the project and is especially important during the development of plans. Furthermore, during the plan development stage, the design team will aid DOTD during the environmental process by developing exhibits and details to help obtain the required permits as well as attend any public meetings and hearings as needed.

### PRELIMINARY PLANS

Preliminary design will begin as soon as possible following the project kickoff meeting. Evans-Graves will develop preliminary plans in accordance with the latest references, as listed in the advertisement, as well as any additional manuals and standards relevant to each assigned task order used in the standard practice of engineering.

Preliminary plans will be submitted at the 30%, 60%, 90% and 100% plan stages. During the preliminary phase of the project, design issues and delays will be identified, the PM will be notified, and solutions will be developed as soon as possible to allow the project to progress efficiently. The development of the typical and pavement sections for the project will occur during the preliminary phase of the project.

Additionally, the horizontal and vertical geometry will be established and hydraulic analysis and design will be performed in accordance with the DOTD Hydraulics Manual. The limits of construction and required R/W will be determined. The design team will also submit an Opinion of Probable Cost using DOTD's most up to date bid item list. As one of the final steps in the preliminary plan process, EG's design team will attend a Plan in Hand Meeting to discuss potential utility and construction conflicts with DOTD and local district stakeholders. Finally, a 100% Preliminary plan set will be submitted incorporating knowledge gained from the Plan in Hand meeting and field visit.

### **FINAL PLANS**

Immediately following confirmation of environmental clearance, the EG team will proceed with the Final Plan phase and will verify all previous comments have been resolved and any major design issues have been reconciled. Plan stages anticipated in the Final Plan phase of the project include 60%, 95%, and signed/sealed drawings. EG will perform QA/QC on the plans, completing the DOTD Checklist, and will develop any Special Provisions required by the project. Signed and sealed drawings, a final Opinion of Probable Cost and Constructability Review Form will be submitted.

### **PROJECT SUPPORT SERVICES**

Along with typical design services, the consultant team will perform numerous services in support of the project. To tailor each plan set specifically for a project, a designer will often need special plans and details not provided by DOTD. In these circumstances, the design team will create Special Provisions: written directions, provisions and requirements to be included in the project's contract documents and amend the Standard Specifications as set forth by DOTD.

Quality Plan Reviews will be performed at DOTD's request on related project documents not limited to construction plans, cost estimates and special provisions. The design team's engineering opinion will be essential to producing a cohesive project package.

In the development of any project, the consultant's adherence to industry standard technical manuals and publications is imperative. Throughout the development of the project, the design team will propose any necessary revisions to DOTD's current manuals and publications to ensure compliance with the latest regulations, best practices, and technological advancements in the engineering industry.

### **CONSTRUCTION SUPPORT SERVICES**

The team will also be involved in construction support during the letting process. When pre-bid questions arise, the team will be available to answer questions as needed and to provide assistance to DOTD. Additionally, EG will review contractors' bids and provide recommendations to DOTD on rejection or acceptance.

### **TEAM COLLABORATION**

A solid working relationship is the key to creating a successful project. Urban Systems, Inc. has over forty-nine years of experience focusing on transportation, traffic engineering, and planning services. Their professionals are experts at evaluating different parking, traffic, and transportation issues; developing technically sound recommendations while utilizing computerized models to test improvements; and providing creative solutions.

Urban Systems has worked with a diverse array of clients and is experienced in all aspects of traffic planning and engineering including master planning, access management, public safety, parking layouts, internal circulation, traffic control, and signal operations.

Urban Systems is dedicated to providing clients with professional services of outstanding quality. They maintain quality assurance guidelines and review policies to ensure all deliverables produced by USI staff comply with national, state, and local standards and design criteria. USI keeps project objectives on track by working with the team and the client throughout every step of the process, enabling them to deliver a quality, implementable product that exceeds client expectations.

EG and USI have teamed together on numerous projects throughout the state. Excellent communication and collaboration between the two firms exists and is exhibited through the success of projects the firms have produced as a team in the past. As the prime consultant on the LA 3211 project, EG will facilitate communication between DOTD personnel and USI to detail client needs and expectations for USI's assigned tasks. USI will be included in any meetings pertinent to their work, and EG will be available for discussion at any time. Additionally, EG will maintain an open dialogue with USI regarding the schedule to ensure the team delivers a quality product on time.

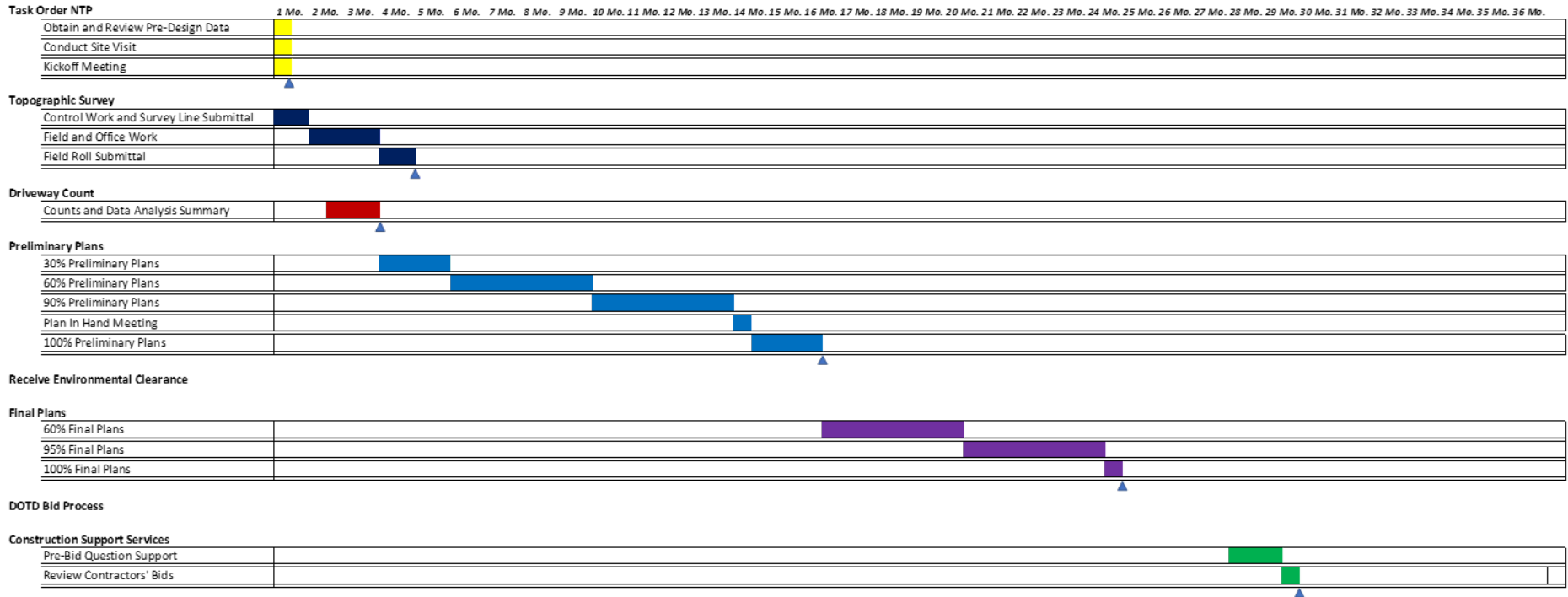
### **CONCLUSION**

The knowledge and experience of the Evans-Graves Engineers, Inc. team makes it a powerful combination of talent and skill. The team has both breadth and availability of knowledgeable, experienced staff, enabling the team to complete this project to DOTD's satisfaction.

SAMPLE PROJECT SCHEDULE

TASK DESCRIPTION:

SAMPLE TIMELINE:



Note: Four weeks for DOTD Review and Comment is built into each task, and three months are allowed in the schedule for the DOTD Bid Process after final plans.

**19. Workload:**

| Firm(s)<br><b>ALL FIRMS</b> MUST BE<br>REPRESENTED IN THIS<br>TABLE | Discipline(s) * | Contract Number and<br>State Project Number   | Project Name                                                    | Remaining<br>Unpaid<br>Balance** |
|---------------------------------------------------------------------|-----------------|-----------------------------------------------|-----------------------------------------------------------------|----------------------------------|
| Evans-Graves<br>Engineers, Inc.                                     | Road            | 4400024832 H.012618                           | LA 347 Drainage Improvements                                    | 180,287                          |
| Evans-Graves<br>Engineers, Inc.                                     | Road            | 4400024832 H.014767                           | LA 182 @ Duchamp Intersection Imp.                              | 147,043                          |
| Evans-Graves<br>Engineers, Inc.                                     | Road            | 4400024832 H.014483                           | US 90: Scott CL – (Former) LA 182                               | 250,342                          |
| Evans-Graves<br>Engineers, Inc.                                     | Road            | 4400004761 H.004957                           | LA 3241:I-12/LA 434 Interchange to LA 36                        | 117,602                          |
| Evans-Graves<br>Engineers, Inc.                                     | Right-of-Way    | 4400021533 H.007811                           | Comite River Diversion                                          | 15,007                           |
| Urban Systems, Inc.                                                 | Traffic         | No. H011221.5<br>H.011222.5<br>No. 4400022581 | I-10: N.O CBD3 (Poydras-Louisa) & I-10: N.O CBD4 (Louisa-I-510) | 32,772                           |
| Urban Systems, Inc.                                                 | Traffic         | Contract No. 4400023909<br>H.015963.5         | US 165: RedRiver MB Ped Gates                                   | 5,000                            |
| Urban Systems, Inc.                                                 | Traffic         | No. 4400024185<br>H.016046.5                  | US 190: Atchafalaya R K'Springs Repairs                         | 10,699                           |
| Urban Systems, Inc.                                                 | Traffic         | Contract No. 4400026585<br>H.006226.5         | Pointe-A-La-Hache Ferry Landing Replacement                     | 5,000                            |

(Add rows as needed)

DO NOT SUM

**20. Certifications/Licenses:**

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

| Name                         | Type                 | City        | Status |
|------------------------------|----------------------|-------------|--------|
| EVANS-GRAVES ENGINEERS, INC. | Business Corporation | BATON ROUGE | Active |

**Previous Names**  
 EDWARD E. EVANS & ASSOCIATES, INC. (Changed: 1/19/1983)

**Business:** EVANS-GRAVES ENGINEERS, INC.  
**Charter Number:** 25700370D  
**Registration Date:** 1/4/1962

**Domicile Address**  
 9029 JEFFERSON HWY.  
 SUITE 200  
 BATON ROUGE, LA 70809

**Mailing Address**  
 9029 JEFFERSON HWY.  
 SUITE 200  
 BATON ROUGE, LA 70809

**Principal Office Address**  
 9029 JEFFERSON HWY.  
 SUITE 200  
 BATON ROUGE, LA 70809

**Status**  
**Status:** Active  
**Annual Report Status:** In Good Standing  
**File Date:** 1/4/1962  
**Last Report Filed:** 12/16/2024  
**Type:** Business Corporation

| Name                           | Type                 | City        | Status |
|--------------------------------|----------------------|-------------|--------|
| URBAN SYSTEMS ASSOCIATES, INC. | Business Corporation | NEW ORLEANS | Active |

Previous Names

Business: URBAN SYSTEMS ASSOCIATES, INC.  
Charter Number: 30812980D  
Registration Date: 11/12/1974

Domicile Address

2000 TULANE AVENUE  
SUITE 200  
NEW ORLEANS, LA 70112

Mailing Address

2000 TULANE AVENUE  
SUITE 200  
NEW ORLEANS, LA 70112

Principal Office Address

2000 TULANE AVENUE  
SUITE 200  
NEW ORLEANS, LA 70112

Status

Status: Active  
Annual Report Status: In Good Standing  
File Date: 11/12/1974  
Last Report Filed: 10/21/2024  
Type: Business Corporation

**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.**

**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><br><b>(Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)</b> | <b>Address</b>                                      | <b>Point of Contact and email address</b>                                                                   | <b>Phone Number</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------|
| Urban Systems Associates, Inc. dba Urban Systems, Inc.                                                                                                                                                     | 2000 Tulane Ave. Suite 200<br>New Orleans, LA 70112 | Alison C. Michel, PE, PTOE, PTP<br><a href="mailto:acmichel@urbansystems.com">acmichel@urbansystems.com</a> | 504-569-3958        |
|                                                                                                                                                                                                            |                                                     |                                                                                                             |                     |
|                                                                                                                                                                                                            |                                                     |                                                                                                             |                     |

(Add rows as needed)

**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.**