



# Engineering and Related Services for IDIQ Contracts for Geotechnical Services Statewide

Contract Nos. 4400024650, 4400024651, 4400024652,  
4400024653, 4400024654, 4400024655, 4400024656  
and 4400024657

June 28, 2022

 **Terracon**  
Explore with us

2822 O'Neal Lane, Bldg. B  
Baton Rouge, LA 70816  
P (225) 344-6052

[Terracon.com](http://Terracon.com)

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT



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**Terracon.com**

June 28, 2022

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

Email submission to: [DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov)

**Re: Engineering and Related Services**

Contract Nos. 4400024650, 4400024651, 4400024652, 4400024653,  
4400024654, 4400024655, 4400024656 AND 4400024657

IDIQ Contracts for Geotechnical Services  
Statewide

To Whom It May Concern,

Terracon Consultants, Inc. is pleased to submit our qualifications to provide geotechnical services for the Department of Transportation and Development. The enclosed Standard Form DOTD 24-102 (Rev. March 1, 2022) which details our team's experience and capabilities.

We have made every effort to develop this Standard Form DOTD 24-102 in such a manner as to provide a clear and concise presentation of our capabilities to perform the required services. Although Terracon has satisfied the Minimum Personnel Requirements with our existing staff resources, we have included Traffic Control Products Company of LA, Inc. (TCP) to provide traffic control services. TCP has plentiful traffic control resources to complement our inhouse qualifications. TCP is also our DBE firm. Terracon has assembled a team that brings extensive technical expertise and resources to provide high quality geotechnical services throughout the required contract performance period.

We are very interested in working with DOTD on this extremely important contract. If you should have any questions as you review our information, we could provide more information in a telephone conference, or we would be happy to meet with you to discuss this information. We look forward to hearing from you in this regard.

Sincerely,

**Terracon Consultants, Inc.**

A handwritten signature in black ink, appearing to read "Lynne Roussel".

Lynne Roussel, P.E.  
Principal

A handwritten signature in black ink, appearing to read "Laura Campa".

Laura Campa, P.E.  
Senior Principal

Attachment: Terracon Standard Form DOTD 24-102 (Rev. 03/01/2022)

# **DOTD FORM: 24-102**

(Revised March 1, 2022)


## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

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.

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

|   |  |
|---|--|
| 1. Contract title as shown in the advertisement   | <b>IDIQ CONTRACTS FOR GEOTECHNICAL SERVICES<br/>STATEWIDE</b>  |
| 2. Contract number(s) as shown in the advertisement   | 4400024650, 4400024651, 4400024652, 4400024653,<br>4400024654, 4400024655, 4400024656 AND 4400024657                     |
| 3. State Project Number(s), if shown in the advertisement   | -  |
| 4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)   | <b>Terracon Consultants, Inc.</b>  |
| 5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)  | EF. 0002749  |
| 6. Prime consultant mailing address   | 2822 O'Neal Lane, Bldg. B<br>Baton Rouge, LA 70816   |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)   | 2822 O'Neal Lane, Bldg. B<br>Baton Rouge, LA 70816   |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact   | Lynne Roussel, P.E., Principal   Regional Manager of Geotechnical Services<br>(225) 239-2632; lynne.roussel@terracon.com |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal  | Laura Campa, P.E., Senior Principal   Office Manager<br>(225) 239-2618; laura.campa@terracon.com                         |
| 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 |  |

|  |  |                 |                    |  |    |
|--|--|-----------------|--------------------|--|----|
| <p>obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p> | <p>Signature (shall be the same person as #9):<br/> <br/> <hr/> Date:<br/> June 28, 2022</p> |                 |                    |  |    |
| <p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>   | <table> <tr> <td><u>Firm(s):</u></td> <td><u>Firm(s)' %:</u></td> </tr> <tr> <td>Traffic Control Products Company of LA, Inc.</td> <td>4%</td> </tr> </table>                  | <u>Firm(s):</u> | <u>Firm(s)' %:</u> | Traffic Control Products Company of LA, Inc. | 4% |
| <u>Firm(s):</u>  | <u>Firm(s)' %:</u>   |                 |                    |  |    |
| Traffic Control Products Company of LA, Inc.   | 4%   |                 |                    |  |    |



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

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

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf). (same link as in the advertisement)

**Sub-consultants are allowed to be used for this proposal.** Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)

| Evaluation Discipline(s)   | % of Overall Contract | Terracon | TCP  | Firm D | Firm E | Each Discipline must total to 100% |
|--|-----------------------|----------|------|--------|--------|------------------------------------|
| Geotech  | 96%                   | 100%     |      |        |        | 100%                               |
| Other (Traffic Control)  | 4%                    |          | 100% |        |        | 100%                               |
| 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  | 100%                  | 96%      | 4%   |        |        | -----                              |

\*The past performance evaluation disciplines are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other.



### 13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (xxxx)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

| Firm name   | DOTD Job Classification                               | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|---|---|--|---|
| <b>Terracon</b>                                     | Principal   | 2  | 2   |
| <b>Terracon</b>                                     | Supervisor-ENG  | 1  | 4   |
| <b>Terracon</b>                                     | Engineer  | 3  | 3   |
| <b>Terracon</b>                                     | Engineer Intern                                       | 1  | 2   |
| <b>Terracon</b>                                     | Supervisor-Other<br>(Drilling and Laboratory Manager) | 2  | 3   |
| <b>Terracon</b>                                     | Technician (Lab and Field)                            | 6  | 8   |
| <b>Terracon</b>                                     | Driller   | 3  | 5   |
| <b>Traffic Control Products Company of LA, Inc.</b> | Technicians   | 7  | 27  |
| <b>Traffic Control Products Company of LA, Inc.</b> | Supervisor-Other                                      | 1  | 1   |
| <b>Traffic Control Products Company of LA, Inc.</b> | Project Manager                                       | 1  | 2   |

(Add rows as needed)

**14. Organizational Chart:**

Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



Legend

- Terracon Consultants, Inc.
- Traffic Control Products of LA



**MINIMUM PERSONNEL REQUIREMENTS**

1. At least one (1) principal of the prime consultant shall be a registered professional engineer in the state of Louisiana.
2. At least one (1) principal or other responsible member of the prime consultant shall be currently registered in the state of Louisiana as a professional engineer in civil engineering.
3. At least one (1) principal or responsible member of the prime consultant shall be a professional engineer, registered in the state of Louisiana, and shall have a minimum of ten (10) years of experience in responsible charge of geotechnical engineering projects.
4. At least one (1) laboratory manager shall have a minimum of five (5) years of experience in geotechnical laboratory testing.
5. At least one (1) field crew driller/supervisor shall have a minimum of ten (10) years of experience; with at least five (5) years demonstrated within the state of LA.



### **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.

| <b>MPR No.<br/>Do not insert<br/>wording<br/>from ad</b> | <b>Personnel being used<br/>to meet the MPR<br/>(Individual(s) may not satisfy more than one<br/>MPR unless specifically allowed by<br/>Attachment B of the advertisement)</b> | <b>Firm employed by</b>    | <b>Type of license /<br/>certification<br/>&amp; number</b> | <b>State of<br/>license</b> | <b>License /<br/>certification<br/>expiration<br/>date</b> |
|--|--|----------------------------|---|-----------------------------|--|
| 1  | Lynne Roussel, P.E.  | Terracon Consultants, Inc. | PE; 35152   | LA                          | 03/31/2024   |
| 2  | Lynne Roussel, P.E.  | Terracon Consultants, Inc. | PE; 35152   | LA                          | 03/31/2024   |
| 3  | Lynne Roussel, P.E.  | Terracon Consultants, Inc. | PE; 35152   | LA                          | 03/31/2024   |
| 4  | Matt Minton  | Terracon Consultants, Inc. | N/A   | N/A                         | N/A  |
| 5  | Brian Alexander  | Terracon Consultants, Inc. | N/A   | N/A                         | N/A  |

(Add rows as needed)



**16. Staff Experience:**

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

|   |  |   |   |
|---|--|---|---|
| Firm employed by <b>Terracon Consultants, Inc.</b>  |  |   |   |
| Name  | <b>Lynne Roussel, P.E.</b>   |   | Years of relevant experience with this employer |
| Title   | Regional Manager of Geotechnical Services  |   | 17  |
| Degree(s) / Years / Specialization  |  | M.S. / 2005 /Geotechnical Engineering   B.S. / 2003 /Civil Engineering  |   |
| Active registration number / state / expiration date  |  | P.E. 35152 /Louisiana / March 31, 2024  |   |
| Year registered   | 2009   | Discipline  | Professional Engineer                           |
| Contract role(s) / brief description of responsibilities  |  | Ms. Roussel meets the MPR of Nos. 1-3 with 17 years of experience in geotechnical engineering; as a Principal; and as a PE in civil engineering. Lynne will provide contract management and technical oversight of the tasks and ensure appropriate resources are assigned as needed. |   |
| 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 time specified in the applicable MPR(s).   |   |   |
| Ms. Roussel has managed geotechnical projects for 17 years. She has performed engineering analyses using in-house computer resources as well as commercial software used for settlement analysis, deep foundations analysis, pavement design, slope stability analysis, and lateral loading of deep foundations. Ms. Roussel also performed analyses for the USACE for limiting pressure analyses for Horizontal Directional Drilling (HDD) projects, seepage analyses and Method of Planes slope stability. Her software experience includes the following software: PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and APILE. |  |   |   |
| 07/21 – 12/21   | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Project Reviewer. Performed quality review on engineering analyses and reporting.   |   |   |
| 12/1/20 - Ongoing   | <b>IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014</b><br>Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 Million.  |   |   |
| 07/16 – 07/21   | <b>Louisiana Department of Transportation Geotechnical Retainer Contract No. 4400006191, LA, DOTD</b><br>Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.   |   |   |
| 05/18 – 02/22   | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Project Manager. Oversaw design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment.  |   |   |
| 05/18 – 11/20   | <b>H.005967: Nelson Road Extension and Bridge, Lake Charles, LA, DOTD</b><br>Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration including water borings in Contraband Bayou and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility. |   |   |
| 06/19 – 3/20  | <b>H.004100 I-10 Widening, Baton Rouge, LA, DOTD</b><br>Senior Engineer. Supervised the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. The team worked safely around traffic and lane closures on the interstate near College Drive.  |   |   |

|               |   |
|---------------|---|
| 04/19 – 09/20 | <b>Sarasota Drive Bridge, Baton Rouge, LA, GEC</b><br>Project Manager. Managed the geotechnical exploration project which included the advancement of two test borings to approximately 100 feet below existing site grades. Pile capacities were developed for the bridge bents.   |
| 10/18-01/19   | <b>H.000133 US 80 Overpass at KCS RR, Simsboro, LA</b><br>Project Manager. Managed the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines.  |
| 07/18 – 12/18 | <b>H.009481 LA 20 Bayou Chevreuil Bridge, St. James Parish, LA, DOTD</b><br>Project Manager in the subsurface evaluation and lab testing.   |
| 10/16 – 01/18 | <b>H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD</b><br>Project Manager. Provided geotechnical engineering services for the project that included field exploration, laboratory testing and geotechnical engineering for the bridge. Pile capacities were developed for the bridge bents.   |
| 01/12 – 01/13 | <b>H.009187.5 – 23rd Street Bridge over Canal No. 17, Jefferson Parish, LA, DOTD</b><br>Project Engineer. Provided geotechnical engineering for the subsurface evaluation and engineering design of this DOTD Off System Bridge project. The bridge at 23rd Street over Canal No. 17 was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.  |
| 01/10 – 03/12 | <b>H.0051.21 - LA-1 to I-10 Connector, Port Allen, LA, DOTD</b><br>Project Manager. Managed the design of a new connector between LA 1 and I-10 near the Intracoastal Canal in West Baton Rouge Parish, Louisiana. The project consisted of a bridge over the Intracoastal Canal, a flyover connector to LA 1 and associated roadway. Soil borings and Cone Penetrometer Test (CPT) probes associated with the bridges and roadway were completed. All calculations were consistent with DOTD pavement design standards. Settlement analysis was performed for the approach embankments. Pile capacities were also provided for the elevated structure.   |
| 2011          | <b>713-64-0108/H.006372- Carter Crossing over Dugdemona River – Winn Parish, LA</b><br>Project Manager. Performed the subsurface evaluation and engineering design of this DOTD Off System Bridge project. The bridge at Carter Crossing over Dugdemona River was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.   |
| 09/08 – 11/08 | <b>Interstate 12 Widening - East Baton Rouge and Livingston Parishes, LA</b><br>Project Manager. Managed the interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of the widening of Interstate 12 to six lanes from O’Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. He worked with Terracon team to make sure the schedule was met by using multiple drill rigs to complete the field work. The work completed by Terracon has received high marks from the design-build team.   |
| 12/05– 07/12  | <b>Louisiana DOTD Off-System Bridge Program - Statewide in LA</b><br>Project Manager. Managed multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in a variety of geologic settings. |

## 16. Staff Experience:

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

|   |  |   |   |
|---|--|---|---|
| Firm employed by <b>Terracon Consultants, Inc.</b>  |  |   |   |
| Name  | <b>Stephen Greaber, P.E.</b>   |   | Years of relevant experience with this employer |
| Title   | Principal   Senior Geotechnical Engineer   |   | 22  |
| Degree(s) / Years / Specialization  |  | B.S. / 1989 / Civil Engineering   |   |
| Active registration number / state / expiration date  |  | P.E. 26107 / Louisiana / September 30, 2023   |   |
| Year registered   | 1995 (LA)  | Discipline  | Professional Engineer (Civil)                   |
| Contract role(s) / brief description of responsibilities  |  | Mr. Greaber will serve as senior level review in the role of APR for this contract. |   |
| Experience dates (mm/yy–mm/yy)  | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).   |   |   |
| Mr. Greaber has 33 years of experience working on a wide range of geotechnical projects. He has worked extensively on City-Parish projects as well as for commercial, industrial, transportation, and institutional clients. He is well versed in all aspects of geotechnical engineering and materials quality aspects of construction including earthwork, concrete, masonry, asphalt, and structural steel. Mr. Greaber has extensive experience in deep foundation analysis, implementation/interpretation of load testing, site modification and improvement techniques including but not limited to dynamic compaction, geotextile reinforced slopes, and wick drains for improvement of consolidation. |  |   |   |
| 07/18 – 10/21   | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Lead Design Engineer for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.  |   |   |
| 05/18 – 01/21   | <b>H.005967: Nelson Road Extension and Bridge, Lake Charles, LA, DOTD</b><br>Senior Geotechnical Engineer. Reviewed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration that included water borings in Contraband Bayou and has provided 90% design of the substructure for the bridge over Contraband Bayou and performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.   |   |   |
| 06/17 – 10/18   | <b>H.010006: Bayou Petit Caillou Bridge Improvements, Chauvin, LA, DOTD</b><br>Senior Geotechnical Engineer. Provided senior review the subsurface evaluation and substructure design for upgrades to the existing bridge. The services were performed for Huval and Associates through their Bridge Preservation Contract and included providing pile recommendations for support of a new bridge lift operators building and supports for traffic barriers and fender replacements.  |   |   |
| 02/14 – 02/17   | <b>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker</b><br>Senior Geotechnical Engineer. Provided senior review for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent. |   |   |

|               |  |
|---------------|--|
| 01/15 - 02/16 | <b>H.010719: US 90 Ramp Improvement, Orleans Parish, LA, DOTD</b><br>Senior Geotechnical Engineer. Provided senior review of the subsurface evaluation and substructure design of this new bridge and ramp improvement project at US 90 and South Claiborne Ave. The entrance ramp to US 90 was elevated to improve traffic flow. DOTD boring logs and LRFD Pile Resistance Calculations were provided to the design engineer.   |
| 2010 - 2013   | <b>SP No. 450-10-0159 - Interstate 10 Widening, Siegen to Highland - Baton Rouge, LA, DOTD</b><br>Project Manager. Managed the widening of I-10 from two lanes in each direction to three lanes in each direction. Dual existing bridges over Wards Creek Diversion will be widened, and the existing 850-foot-long dual bridges over the Kansas City Railroad and La Crete Drive were completely replaced with new three lane bridges with 12-foot shoulders and increased clearances to allow the railroad to add a parallel track in the future.  |
| 2012 - 2013   | <b>SP No. 450-10-0108- Interstate 10 Widening, I-12 to Siegen Lane - Baton Rouge, LA</b><br>Project Manager. Managed the widening of I-10 from three lanes in each direction to four lanes in each direction starting at Siegen Lane and ending at the I-12 interchange. A bridge and overpass sections were replaced. Ms. Roussel provided engineering services for this major Interstate highway improvement. The project consists of the widening of Interstate 12 to six lanes from O'Neal Lane eastward in both East Baton Rouge and Livingston Parishes. DOTD contracted with Terracon to obtain deep and shallow soil borings and perform sampling and testing services for the roadway improvement along I-12 for Project No. 454-01-0047. The project needed to be performed under a compressed time schedule for DOTD to release a Design-Build procurement package. Terracon mobilized additional crews from the Jackson and Chattanooga Terracon offices in order to meet the demanding schedule. The work completed by Terracon has received high marks from the design-build team. |
| 11/10 - 08/12 | <b>LA-1 to I-10 Connector 30% Design - Port Allen, LA, Volkert/DOTD</b><br>Supervising Geotechnical Engineer. Supervised 30% design plans for a proposed new connector between I-10 and LA-1 in West Baton Rouge Parish. The extension included two bridges and two miles of new roadway. Bridges over an existing railroad and the Intracoastal Canal were included. An evaluation of a possible retained earth embankment was included.  |
| 09/08 - 11/08 | <b>Interstate 12 Widening - East Baton Rouge and Livingston Parishes, LA</b><br>Senior Engineer. Provided senior oversight for this major Interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of the widening of Interstate 12 to six lanes from O'Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. He worked with Terracon team to make sure the schedule was met by using multiple drill rigs to complete the field work. The work completed by Terracon has received high marks from the design-build team.   |
| 12/07 - 07/12 | <b>Louisiana DOTD Off-System Bridge Program - Statewide in LA</b><br>Engineering Support. Provided engineering support for multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in a variety of geologic settings.   |



## 16. Staff Experience:

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

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| Firm employed by <b>Terracon Consultants, Inc.</b>   |   |   |   |
| Name   | <b>Sarah Berman, P.E.</b>   |   | Years of relevant experience with this employer     |
| Title  | Geotechnical Group Manager  |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization   |   | B.S. / 2013 / Civil Engineering         |   |
| Active registration number / state / expiration date   |   | P.E. 43630 / Louisiana / March 31, 2024 |   |
| Year registered  | 2019  | Discipline                              | Professional Engineer (Civil)                       |
| Contract role(s) / brief description of responsibilities   |   | Geotechnical Engineer                   |   |
| 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 time specified in the applicable MPR(s).  |   |   |
| Ms. Berman brings nine years of experience in the geotechnical field to this contract. She has managed DOTD projects as well as having been assigned several tasks on other projects, some of which included analyzing consolidation testing results, compiling, and reviewing soil boring logs, and assisting with running some of the soil laboratory tests including Atterberg Limits, Unconsolidated Undrained Triaxial Compression Tests, and Unconfined Compression Tests. She also worked on AutoCAD drafting, drilling coordination, and performed driven pile analysis. |   |   |   |
| 11/21 - Present  | <b>Ham Reid Road Extension, Calcasieu Parish, LA, CH Fenstermaker</b><br>Project Manager. Managed project that included geotechnical engineering services.  |   |   |
| 10/21 - 12/21  | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Senior Staff Engineer. Reviewed logs, samples, and data.   |   |   |
| 10/20 – 02/22  | <b>Lee Drive (Highland Road – Perkins Rd) Capacity and Turning Movements, Baton Rouge, LA, City of Baton Rouge</b><br>Project Manager. Reviewed logs, samples, and data. She performed analysis/design. Provided supervision and prepared the report.   |   |   |
| 09/20 - Present  | <b>Alphonse Forbes Road Bridge Replacement, Central, LA, ARCADIS</b><br>Project Manager. Reviewed logs, samples, and data. Performed analysis/design, provided supervision, and prepared the report.  |   |   |
| 08/20 – 09/20  | <b>H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD</b><br>Senior Staff Engineer. Performed engineering analyses and design. She also prepared the report. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation. |   |   |
| 10/19 – 02/22  | <b>H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD</b><br>Senior Staff Engineer. Reviewed logs, samples, and data. She performed analysis/design, provided supervision, and prepared the report.   |   |   |
| 03/19<br>(Previous employer)   | <b>Dogwood South Subdivision Unit No. 20 Roadway – Bossier City, LA</b><br>Geotechnical Project Manager. Reviewed logs and data. Performed analysis/design and prepared the geotechnical report. Project consisted of preparing an AASHTO pavement analysis for a new road.   |   |   |
| 03/18 – 04/18<br>(Previous employer)   | <b>Roadway Rehabilitations (Besson Ln/Jake Ln/Ravier Ln) – St. Gabriel, LA</b><br>Geotechnical Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of either mill and overlay or full depth reconstruction of the three roadways.   |   |   |
| 11/16 – 03/17<br>(Previous employer)   | <b>Cook Road Roundabout – Livingston Parish, LA</b><br>Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of the design and construction of a new roundabout intersection at Cook Road and LA Hwy 16.  |   |   |

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| 07/16 – 09/16<br>(Previous employer)              | <b>Cook Road Improvements – Livingston Parish, LA</b><br>Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of the widening and expansion of the existing Cook Road, the design and installation of a new 6-cell box culvert, and the construction of a new, 180-ft concrete bridge with 10 pile bents. |
| 05/16 – 11/16<br>(Previous employer)              | <b>Buddy Ellis Road Improvements – Livingston Parish, LA</b><br>Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of an overlay to the existing asphalt surface of Buddy Ellis Road and the replacement of the Taylor Creek Bridge with a short-span reinforced concrete slab on abutments.            |
| Estimated<br>12/13 – 03/16<br>(Previous employer) | <b>SP No. H.002260.5, Goose Bayou Bridge, Geotechnical Investigation Goose Bayou Bridge Route LA 45, Jefferson Parish, LA, DOTD</b><br>Assistant Project Manager. Coordinated drilling efforts.  |
| Estimated<br>12/13 – 03/16<br>(Previous employer) | <b>SP No. H.004435, I-12 to Bush-Segment 2, LA 3241 (LA 36 – LA 435), St. Tammany Parish, LA, DOTD</b><br>Assistant Project Manager. Performed driven pile analysis and soil boring analysis.  |
| Estimated<br>12/13 – 03/16<br>(Previous employer) | <b>SP No. H.010612.5, I-20 MS River Bridge Soil and Scour Stabilization, Madison Parish, LA @ Vicksburg, MS, DOTD</b><br>Assistant Project Manager. Prepared AutoCAD renderings, Coordinated monitoring and drilling.  |
| Estimated<br>12/13 – 03/16<br>(Previous employer) | <b>SP No. H.010601, I-10 LA 328 to LA 347, St. Martin Parish, LA, DOTD</b><br>Assistant Project Manager. Performed soil boring analysis.   |
| Estimated<br>12/13 – 03/16<br>(Previous employer) | <b>SP No. H.003003, I-10E JCT I-49 – LA 328, Lafayette Parish and St. Martin Parish, LA, DOTD</b><br>Assistant Project Manager. Soil Boring analysis.  |

**16. Staff Experience:**

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| Firm employed by <b>Terracon Consultants, Inc.</b>  |  |   |   |
| Name  | <b>John Voelker, P.E.</b>  |   | Years of relevant experience with this employer |
| Title   | Project Engineer   |   | 7   |
| Degree(s) / Years / Specialization  |  | B.S. / 2014 / Civil Engineering             |   |
| Active registration number / state / expiration date  |  | P.E. 43451 / Louisiana / September 30, 2023 |   |
| Year registered   | 2019   | Discipline                                  | Professional Engineer (Civil)                   |
| Contract role(s) / brief description of responsibilities  |  | Geotechnical Engineer                       |   |
| 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 time specified in the applicable MPR(s).   |   |   |
| Mr. Voelker has seven years of geotechnical engineering experience following graduating with a bachelor’s degree in Civil Engineering. Mr. Voelker has experience in various aspects of geotechnical engineering, including, but not limited to, deep and shallow foundations, rigid and flexible pavement design, pavement surface evaluation, slope stability analysis, site preparation, construction considerations and subgrade improvement techniques. Software experience most notably includes: GEOSLOPE, APILE, LPILE, CPeT-IT and DRIVEN. |  |   |   |
| 09/21 – 01/22   | <b>Alta Road Bridge Replacement – Bell City, LA, Aucoin and Associates, Inc.</b><br>Project Manager. Managed the exploration and temporary traffic control for coring of the pavement and soil sampling to collect representative design information. The existing off-system parish timber bridge was outdated and required replacing. The new bridge was constructed as a 3-span, 60-foot long, 75° skew concrete slab span bridge. The bridge was supported by 16-inch square prestressed concrete piles with 10-foot-long concrete approach slabs on either end of the bridge. The drilling and soil laboratory testing results were analyzed to estimate design soil parameters such as shear strength and unit weight for use in estimating end bearing and side friction soil resistances.  |   |   |
| 04/21 – 05/21   | <b>Sasol - Evergreen Road Project – Westlake, LA, CH Fenstermaker</b><br>Project Manager. The project included a new bridge/culvert at the canal crossing on a rural asphalt road. Oversaw field exploration and laboratory testing to characterize the subsurface conditions and geotechnical engineering to develop geotechnical design and construction recommendations.  |   |   |
| 09/19 – 10/19   | <b>Highway 171 Right Turn Lane, Gillis, LA Bluewing Civil Consulting, LLC</b><br>Project Manager. The project included geotechnical field exploration, laboratory testing, and geotechnical engineering. Road cores were obtained in two locations.  |   |   |
| 02/17 – 07/20   | <b>New Local Urban Public Road (Dijon/Margaret Ann Rd) - Baton Rouge, LA, Our Lady of the Lake Hospital, Inc.</b><br>Staff Engineer. Provided geotechnical and pavement design consulting for a new public road connecting a medical complex and commercial development between two arterial roads. The alignment was comprised of an approximately 9,500 linear foot, four-lane divided highway that also intersected with a planned two-lane street which connected to a collector road through a single-lane roundabout. The data collected from soil borings drilled every 500 linear feet along the undeveloped road alignment and the projected design average daily traffic (ADT) provided the basis for calculating the design pavement sections. The roadway complied with the standards of the LADOTD for public roads. Pavement sections were designed based on the procedures outlined in the 1993 Guideline for Design of Pavement Structures by the American Association of State Highway and Transportation Officials (AASHTO) and with regard to the further comprehensive research of design variables for local practice by the LADOTD sponsored Louisiana Transportation Research Center (LTRC). The design of Portland cement concrete and asphaltic cement concrete pavement sections included an aggregate base course and multiple subbases treated subgrade options with lime or cement. |   |   |
| 02/18 – 04/18   | <b>Sulphur Street Rehabilitation and Overlay Program– Sulphur, LA, Meyer &amp; Associates</b>  |   |   |



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|               | Project Manager. Managed multiple projects for analysis of existing pavement conditions and rehabilitation options for public streets. Field exploration for this project consisted of around 50 cores and soil borings along multiple low- volume roads. These projects typically consist of coordinating temporary traffic control for coring and soil sampling on public roads, performing necessary laboratory testing and preparing core logs report deliverables. Upon completion of field and laboratory testing, Terracon provided cross-sections of existing pavement sections, road rehabilitation design options and construction considerations.  |
| 01/17 - 05/17 | <b>H.001140 LA 124: Hooter Creek Bridge - Catahoula Parish, LA, DOTD</b><br>Project Manager. Managed geotechnical engineering services for an existing two-lane bridge on LA Hwy. 124 at Hooter Creek in Catahoula Parish, LA. Oversaw field exploration that included advancing three soil borings to depths of 120'. Performed engineering analyses and prepared final report.  |
| 03/16 - 07/17 | <b>Clipper Drive Bridge - Slidell, LA, Volkert</b><br>Staff Engineer. Estimated geotechnical pile capacities for the replacement of an existing off-system parish bridge. The new bridge was constructed as a three span, pre-cast concrete slab-span bridge deck supported on driven pre-stressed concrete piles. Two borings to 100 feet were advanced based on the length of the bridge span and soil sampling procedures adhered to the standards recommended by the LADOTD. The drilling and soil laboratory testing results were analyzed to estimate design soil parameters such as shear strength, unit weight, grain size gradation and friction angle for use in estimating end bearing and side friction soil resistances. Once the axial compression pile load, pile size and scour depth were finalized by the bridge designer, Mr. Voelker determined the pile length to provide the required allowable geotechnical resistance after a LFRD resistance factor was applied. |



## 16. Staff Experience:

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| Firm employed by <b>Terracon Consultants, Inc.</b>  |   |  |   |
| Name  | <b>Zhen Liu, PhD, P.E.</b>  |  | Years of relevant experience with this employer |
| Title   | Project Engineer  |  | 4.5   |
| Degree(s) / Years / Specialization  |   | PhD/2015/Civil Engineering; M.S./2010 Civil Engineering; B.S./2007/Civil Engineering |   |
| Active registration number / state / expiration date  |   | P.E. 43570 / Louisiana / September 30, 2023  |   |
| Year registered   | 2019  | Discipline   | Professional Engineer (Civil)                   |
| Contract role(s) / brief description of responsibilities  |   | Geotechnical Engineer  |   |
| 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 time specified in the applicable MPR(s).  |  |   |
| Dr. Liu is a project engineer in Terracon’s Baton Rouge office with over six years of geotechnical engineering experience after earning his PhD in Civil Engineering. His experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation and project management. Dr. Liu’s experience includes project management and project execution on medium to large-scale, complex projects including transportation, industrial, and airport projects. |   |  |   |
| 04/22 – 04/22   | <b>H.012033 Cross Bayou and Caney Bayou Bridges – Ouachita Parish, LA, DOTD</b><br>Project Engineer. The project includes Bridges over Cross Bayou along LA-143 and Caney Creek along LA-594 in Monroe, Louisiana. To assist with QA/QC, Dr. Liu reviewed the lab results and soil boring logs for this significant project.  |  |   |
| 01/22 – 01/22   | <b>H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD</b><br>Project Engineer. Performed engineering analysis and design tasks.   |  |   |
| 10/21 - 12/21   | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Project Engineer. The project includes a bridge replacement for the current I-10 Calcasieu River bridge which was opened since 1952. To help with QA/QC, Dr. Liu reviewed the lab results and soil boring logs for this significant project.   |  |   |
| 01/21 - 06/21<br>(Previous employer)  | <b>LA-10 Bayou Carron Bridge Replacement in St Landry Parish, LA, DOTD</b><br>Project manager and Geotechnical Engineer. The project includes a bridge replacement for LA-10 over Bayou Carron in St Landry, LA. Performed cost estimate, coordination with local district and DOTD for field investigation, review soil classification and boring logs.  |  |   |
| 09/18 - 12/18   | <b>SC-72 Bridge Replacement Over Stoney Fork Creek – York County, SC, SCDOT</b><br>Onsite Professional Geotechnical Engineer. The project includes a bridge replacement for the SC-72 over Stoney Fork Creek in York County, SC. Performed field investigation, soil classification, and field boring logs.   |  |   |
| 08/18 - 10/18   | <b>US 29 SB Bridge Replacement Over North Tyger River – Spartanburg County, SC, SCDOT</b><br>Onsite Professional Geotechnical Engineer. The project includes a bridge replacement for the currently US 29 over North Tyger River in Spartanburg County, SC. Performed field investigation, soil classification, and field boring logs.  |  |   |
| 08/18 - 10/18   | <b>US 29 SB Bridge Replacement Over North Tyger River – Spartanburg County, SC, SCDOT</b><br>Onsite Geotechnical Engineer. The project includes a bridge replacement for the currently US 29 over North Tyger River in Spartanburg County, SC. Performed field investigation, soil classification, and field boring logs.   |  |   |
| 08/16 - 10/16   | <b>Project Azalea/Project Vedder on Highway 101 – Spartanburg County, SC</b><br>Geotechnical Engineer. Assisted with coordinating field investigation, soil classification, lab testing, boring logs, geotechnical analysis and report. The project included a new warehouse distribution center on Highway 101 in Spartanburg County, SC. Geotechnical investigation for this project included ninety-one soil test borings, ninety-eight rock probes, six hand auger borings, thirteen lines for seismic refraction testing, five lines for ReMi testing, seventeen Pressuremeter tests and two lines of multichannel analysis of surface waves (MASW) testing. |  |   |

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| 2016 | <b>Greenville-Spartanburg International Airport (GSP) Apron Phase 3 - Greer, SC</b><br>Lead Geotechnical Engineer. The project included both the rehabilitation and widening of the current pavement around the Taxiway A2 and Concourse A of Greenville-Spartanburg International Airport (GSP) in Greer, South Carolina. The geotechnical field exploration consisted of both SPT tests and Dual Mass Dynamic Cone Penetrometer (Dual Mass DCP) tests to measure soil strengths and correlate to the CBR values for the in-situ soils. |
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## 16. Staff Experience:

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| Firm employed by <b>Terracon Consultants, Inc.</b>   |   |   |   |   |
| Name   | <b>Ryan Poindexter, P.E.</b>  |   | Years of relevant experience with this employer     | 6 |
| Title  | Staff Engineer  |   | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization   |   | B.S. / 2013 / Engineering               |   |   |
| Active registration number / state / expiration date   |   | P.E. 46285 / Louisiana / March 31, 2024 |   |   |
| Year registered  | 2021  | Discipline                              | Professional Engineer (Civil)                       |   |
| Contract role(s) / brief description of responsibilities   |   | Geotechnical Engineer                   |   |   |
| 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 time specified in the applicable MPR(s).  |   |   |   |
| Mr. Poindexter has over six years of geotechnical engineering experience since graduating with a bachelor’s degree in civil engineering. His experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation and project management. Mr. Poindexter began at Terracon as a field technician, working to monitor, test, and document ongoing construction operations under the supervision of senior project managers and engineers. Mr. Poindexter transferred to the geotechnical department, where he worked under the supervision of senior engineers, assisting with project management and project execution. |   |   |   |   |
| 07/21 – 12/21  | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Project Manager. Coordinated field work and access, including private land owners and government agencies. Coordinated lab testing and QC checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.   |   |   |   |
| 05/20 – 01/21  | <b>H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD</b><br>Project Manager. Coordinated field work, access, and initial lab testing prior to project being suspended.   |   |   |   |
| 07/18 – 10/21  | <b>H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD</b><br>Staff Engineer. Reviewed field logs, samples, and data. Assisted in coordinating lab testing.  |   |   |   |
| 06/18 – 06/21  | <b>H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD</b><br>Assistant to project manager. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation. |   |   |   |
| 10/18-01/19  | <b>H.000133 US 80 Overpass at KCS RR, Simsboro, LA</b><br>Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.   |   |   |   |
| 06/19 – 04/20  | <b>H.004100, I-10- Widening East Baton Rouge Parish – Baton Rouge, LA</b><br>Project Manager. The project consisted of providing a site characterization report for future improvements of the existing roadway. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway. Field exploration was completed safely over the course of multiple weeks with up to four land drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards.  |   |   |   |

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| 07/18 – 12/18 | <p><b>H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA</b><br/> Assistant to project manager. Coordinated field activities and lab testing for this geotechnical characterization for a replacement bridge. The project consisted of soil borings and CPT soundings along the proposed alignment of the replacement. The geotechnical field exploration required extensive use of water boring equipment. Before field operations began, site visits were conducted to determine the safest and most efficient access for drilling equipment around and along. Field exploration was completed safely over the course of multiple days utilizing land, pontoon, and barge mounted drilling equipment. Laboratory testing included compressive strength testing and testing for classifying soil samples collected in accordance with LADOTD standards.</p> |
| 10/17 – 04/18 | <p><b>Roddy Road Improvements – Gonzales, LA, Ascension Parish Government</b><br/> Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.</p>  |
| 08/17 - 03/18 | <p><b>H.002980, I-10 over US-165 &amp; MP RR – Iowa, LA</b><br/> Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.</p>  |
| 08/17 – 09/17 | <p><b>H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD</b><br/> Engineering Intern. Reviewed logs, samples and data for the project that included field exploration, laboratory testing and geotechnical engineering for the bridge.</p>   |

**16. Staff Experience:**

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| Firm employed by <b>Terracon Consultants, Inc.</b>  |   |   |   |   |
| Name  | <b>Kylie Beadle, E.I.</b>   |   | Years of relevant experience with this employer     | 5 |
| Title   | Engineer Intern   |   | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization  |   | B.S. / 2019 / Civil Engineering         |   |   |
| Active registration number / state / expiration date  |   | E.I. 34151 / Louisiana / March 31, 2024 |   |   |
| Year registered   | 2019  | Discipline                              | Engineering Intern                                  |   |
| Contract role(s) / brief description of responsibilities  |   | Engineering Intern                      |   |   |
| 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 time specified in the applicable MPR(s).          |   |   |   |
| Ms. Beadle has five years of experience in the geotechnical engineering field. Her experience includes tasks such as soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation and project management. She has assisted project managers and other engineers with a variety of tasks on DOTD projects. She has reviewed and performed quality control of lab data and has developed site characterization and boring logs. She has also assisted with managing field paperwork and preparing invoices for LADOTD projects. |   |   |   |   |
| 07/21 – 12/21   | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Engineering Intern. Coordinated field work and lab testing and QC checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.   |   |   |   |
| 07/18 – 10/21   | <b>H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD</b><br>Engineering Intern. Reviewed field logs, samples, and data. Assisted in coordinating lab testing. Prepare backup for invoices.                           |   |   |   |
| 06/19 – 04/20   | <b>H.004100, I-10- Widening East Baton Rouge Parish – Baton Rouge, LA</b><br>Engineering Intern. Reviewed field logs, samples, and data. Boring logs and reporting. Assist in coordinating lab testing. Prepare backup for invoices.      |   |   |   |
| 07/18 – 12/18   | <b>H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA</b><br>Assistant to Project Manager. Reviewed field logs, samples, and data. Boring logs and reporting. Assist in coordinating lab testing. Prepare backup for invoices. |   |   |   |
| 07/21 – 12/21   | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Engineering Intern. Coordinated field work and lab testing and QC checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.   |   |   |   |



## 16. Staff Experience:

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| Firm employed by <b>Terracon Consultants, Inc.</b>   |  |   |   |
| Name   | <b>Matt Minton</b>   |   | Years of relevant experience with this employer     |
| Title  | Department Manager – Laboratory Services   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization   |  | Associate Degree / 2001 / Design Drafting Technology  |   |
| Active registration number / state / expiration date   |  | N/A   |   |
| Year registered  | N/A  | Discipline  | N/A   |
| Contract role(s) / brief description of responsibilities   |  | Mr. Minton meets the MPR for No. 4 with 20 years of experience in geotechnical laboratory testing. Matt will oversee laboratory testing for the contract. |   |
| Experience dates (mm/yy–mm/yy)   | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). |   |   |
| Mr. Minton has 20 years of experience in laboratory testing and construction QA/QC testing for geotechnical projects, civil construction, and landfill construction. Mr. Minton currently serves as the Laboratory Manager of Terracon’s Baton Rouge full-service geotechnical and construction materials laboratory. Mr. Minton has worked diligently to implement a complete QA process for all the laboratory tests conducted in our laboratory. Under his supervision, the Baton Rouge laboratory has maintained its LDEQ LELAP, USACE, and AASHTO (AMRL and CCRL) certifications. |  |   |   |
| 07/21 – 12/21  | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 06/20 – 01/21  | <b>H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 06/19 – 01/20  | <b>H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 07/18 – 11/18  | <b>H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 06/18 – 08/18  | <b>H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD</b><br>Served as lab manager on this project.   |   |   |
| 06/17 – 02/18  | <b>H.002980.5: I-10 Overpass US 165 &amp; MPRR, Project - Iowa, LA, DOTD</b><br>Served as lab manager on this project.   |   |   |
| 09/17 – 11/17  | <b>US 165/I-10 Project; Iowa, LA, DOTD</b><br>Served as lab manager on this project.   |   |   |
| 03/17 – 04/17  | <b>H.001140 LA 124: Hooter Creek Bridge - Jena, LA, DOTD</b><br>Served as lab manager on this project.   |   |   |
| 01/17 – 03/17  | <b>H009233: Bayou Flagon Bridges - Ball, LA, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 09/14 – 08/15  | <b>Highway 167 Widening, DOTD</b><br>Served as lab manager on this project.  |   |   |
| 11/10 – 11/11  | <b>LA 1/Interstate 10 Connector – 30% Design, Port Allen, LA, Volkert/DOTD</b><br>Served as lab manager on this project.   |   |   |

|               |   |
|---------------|---|
| 05/08 – 03/09 | <b>I-12 Widening – East Baton Rouge and Livingston Parishes, LA, DOTD</b><br>Served as lab manager on this project. |
| 11/04 – 07/12 | <b>Off System Bridges throughout LA, DOTD</b><br>Served as lab manager on this project.                             |

**16. Staff Experience:**

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

|  |  |  |     |
|--|--|--|-----|
| Firm employed by <b>Terracon Consultants, Inc.</b>   |  |  |     |
| Name   | <b>Brian Alexander</b>   | Years of relevant experience with this employer  | 16  |
| Title  | Drilling Operations Manager  | Years of relevant experience with other employer(s)  | 0   |
| Degree(s) / Years / Specialization   |  | Master of Physical Therapy / 1999 / Physical Therapy   |     |
| Active registration number / state / expiration date   |  | N/A  |     |
| Year registered  | N/A  | Discipline   | N/A |
| Contract role(s) / brief description of responsibilities   |  | Mr. Alexander meets the MPR for No. 5 with more than 16 years of experience drilling/supervising drilling for geotechnical projects in Louisiana. Brian will oversee field services for the contract and oversee traffic control services. |     |
| 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 time specified in the applicable MPR(s). |  |     |
| With 16 years of experience in field exploration, Mr. Alexander manages the geotechnical drilling operations for Louisiana and Mississippi. He has worked extensively on commercial, industrial, DOTD and institutional projects. These assignments have provided him with extensive experience in Shelby Tube and Split Spoon sampling, Macro-core, Geoprobe and Electronic Cone Penetrometer Testing (CPT) and mud rotary drilling. He coordinates logistics/scheduling of projects between the six offices in both states and assists neighboring states in project coordination when it is needed. His approach to increased field safety has earned him safety awards at the division and national level. |  |  |     |
| 01/22- 01/22   | <b>H.012033 Cross Bayou and Caney Bayou Bridges – Ouachita Parish, LA, DOTD</b><br>Supervised drill crews for this project.  |  |     |
| 01/22 – 01/22  | <b>H. 002794.5 LA 308 – Canal Bridges Near Larose – Larose, LA, DOTD</b><br>Supervised drill crews for this project.   |  |     |
| 07/21 – 10/21  | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Supervised drill crews during field exploration.  |  |     |
| 05/20 – 01/21  | <b>H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD</b><br>Supervised drill crews for this project.  |  |     |
| 10/18 – 07/19  | <b>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker</b><br>Supervised drill crews and worked in the field as a logger on several of these projects.  |  |     |
| 06/19 – 11/19  | <b>H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD</b><br>Supervised drill crews and worked in the field as a logger.   |  |     |
| 07/18 – 10/18  | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Supervised drill crews.  |  |     |
| 05/18 – 06/18  | <b>H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA, DOTD</b><br>Supervised drill crews and worked in field as a logger for water borings.   |  |     |
| 05/17 – 08/17  | <b>H.002980.5: I-10 Overpass US 165 &amp; MPRR   Project; Iowa, LA, DOTD</b><br>Served as field supervisor for this project.   |  |     |
| 01/17 – 01/17  | <b>H.001140 LA 124: Hooter Creek Bridge; Jena, LA, DOTD</b> Served as field supervisor for this project.   |  |     |
| 09/14 – 08/15  | <b>Highway 167 Widening, DOTD</b> Supervised drill crews and worked in the field as a logger on several of these projects.   |  |     |
| 11/04 – 07/12  | <b>Off System Bridges throughout LA, DOTD</b><br>Supervised drill crews and worked in the field as a logger on several of these projects.  |  |     |
| 11/10 – 11/11  | <b>LA 1/Interstate 10 Connector, Port Allen, LA, DOTD</b> Supervised drill crews.  |  |     |
| 05/08 – 03/09  | <b>I-12 Widening – East Baton Rouge and Livingston Parishes, LA, DOTD</b><br>Served as field supervisor for this contract.   |  |     |
| 11/04 – 07/12  | <b>Off System Bridges throughout Louisiana, DOTD</b><br>Supervised drill crews and worked in the field as a logger on several of these projects.   |  |     |

Certifications:  
  
**Traffic Control Supervisor**  
  
**Certified Flagger**

**16. Staff Experience:**

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

|  |  |   |     |
|--|--|---|-----|
| Firm employed by <b>Terracon Consultants, Inc.</b>   |  |   |     |
| Name   | <b>Garrett Triplette</b>   | Years of relevant experience with this employer     | 8   |
| Title  | Driller III  | Years of relevant experience with other employer(s) | 5   |
| 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   |  | Driller   |     |
| 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 time specified in the applicable MPR(s). |   |     |
| <p>Mr. Triplette has over 12 years of experience in field exploration services, soil sampling, drilling, and site characterization. Mr. Triplette began his career as a driller’s helper before becoming a soils technician. As a technician, Garrett classified various types of soils being drilled and assisted with drilling process as well as layout of borings. project management, and safety procedures in the field. He has been responsible for scheduling field activities with clients, project managers and other consultants on the project, and ensuring the project is completed safely and timely.</p> <p>Garrett operates our Cone Penetrometer Testing rig and has also demonstrated proficiency in auger-drilling and Shelby tube-sampling techniques. He currently holds a Class A CDL and has met the certification/training requirements for Erail, Entergy Powersafe training, TWIC, First Aid/CPR, and OSHA Basic Safety Plus.</p> |  |   |     |
| 01/22 – 01/22  | <b>H. 002794.5 LA 308 – Canal Bridges Near Larose – Larose, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 05/20 – 06/20  | <b>H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 07/19 – 11/19  | <b>H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 09/18 - 09/18  | <b>H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 07/18 – 10/18  | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 07/18 – 09/18  | <b>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker</b><br>Served as field technician.   |   |     |
| 03/18 – 05/18  | <b>H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA, DOTD</b><br>Served as field technician.   |   |     |
| 09/17 – 11/17  | <b>H.002980, I-10 over US-165 &amp; MP RR – Iowa, LA</b><br>Served as field technician.  |   |     |
| 09/16 – 10/16  | <b>Naval Base Drainage Phase II; Belle Chase, LA</b><br>Served as driller for the project.   |   |     |

Certifications:  
**Traffic Control Technician**  
**Certified Flagger**



**16. Staff Experience:**

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|  |  |            |   |
|--|--|------------|---|
| Firm employed by <b>Terracon Consultants, Inc.</b>   |  |            |   |
| Name   | <b>Jesse Scott</b>   |            | Years of relevant experience with this employer     |
| Title  | Driller III  |            | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization   |  | N/A        |   |
| Active registration number / state / expiration date   |  | N/A        |   |
| Year registered  | N/A  | Discipline | N/A   |
| Contract role(s) / brief description of responsibilities   |  | Driller    |   |
| 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 time specified in the applicable MPR(s). |            |   |
| <p>Mr. Scott has 11 years of experience in field exploration services, soil sampling, drilling, and site characterization. He has demonstrated competency in both auger and mud-rotary drilling services. He is currently running his own drilling operations on more complex exploration projects throughout Mississippi and Louisiana.</p> <p>Jesse began his career as a driller’s helper before promoting to the role of driller. As a driller he has demonstrated competency in auger and mud rotary borings and continues to improve his knowledge in the field of geotechnical exploration.</p> <p>Mr. Scott has several certification/training requirements including Erail, Entergy Powersafe training, TWIC, First Aid/CPR and OSHA Basic Safety Plus.</p> |  |            |   |
| 01/22 – 03/22  | <b>H.012033 Cross Bayou and Caney Bayou Bridges – Ouachita Parish, LA, DOTD</b><br>Served as driller for the project.  |            |   |
| 03/21 – 03/21  | <b>H.01256, Little Sugar Creek Bridge, Sugartown, LA, DOTD</b><br>Served as driller for the project.   |            |   |
| 07/19 – 11/19  | <b>H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD</b><br>Served as driller for the project.  |            |   |
| 07/18 – 10/18  | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Served as driller’s helper for the project.  |            |   |
| 07/18 – 09/18  | <b>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker</b><br>Served as driller’s helper for the project.   |            |   |
| 03/18 – 05/18  | <b>H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA, DOTD</b><br>Served as driller’s helper for the project.   |            |   |
| 09/17 – 11/17  | <b>H.002980, I-10 over US-165 &amp; MP RR – Iowa, LA</b><br>Served as driller’s helper for the project.  |            |   |
| 04/17 – 04/17  | <b>H.001140 LA 124: Hooter Creek Bridge; Jena, LA, DOTD</b><br>Served as driller’s helper for the project.   |            |   |

Certifications:

**Traffic Control Technician**

**Certified Flagger**



**16. Staff Experience:**

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|   |  |   |     |
|---|--|---|-----|
| Firm employed by <b>Terracon Consultants, Inc.</b>  |  |   |     |
| Name  | <b>David Gannfors</b>  | Years of relevant experience with this employer     | 5   |
| Title   | Driller II   | Years of relevant experience with other employer(s) | 0   |
| Degree(s) / Years / Specialization  |  | Jefferson High School / 2014                        |     |
| Active registration number / state / expiration date  |  | N/A   |     |
| Year registered   | N/A  | Discipline  | N/A |
| Contract role(s) / brief description of responsibilities  |  | Driller   |     |
| 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 time specified in the applicable MPR(s). |   |     |
| Mr. Gannfors began his career as a driller’s helper before becoming a soils technician and now serves as a driller. David has classified various types of soils being drilled and assisted with drilling process as well as site characterization, boring layout, and safety procedures in the field. David has been responsible for scheduling field activities with clients, project managers and other consultants on the project, and ensuring the project is completed in a safe and timely manner. David performs CPTs, auger-drilling, and Shelby tube-sampling techniques. He currently has met the certification/training requirements for Erail, Entergy Powersafe training, TWIC, First Aid/CPR, and OSHA Basic Safety Plus. |  |   |     |
| 01/22- 01/22  | <b>H.012033 Cross Bayou and Caney Bayou Bridges – Ouachita Parish, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 01/22 – 01/22   | <b>H. 002794.5 LA 308 – Canal Bridges Near Larose – Larose, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 07/21 – 10/21   | <b>H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 02/21 – 03/21   | <b>H.01256, Little Sugar Creek Bridge, Sugartown, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 06/20 – 06/20   | <b>H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 07/19 – 11/19   | <b>H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD</b><br>Served as driller for the project.  |   |     |
| 07/18 – 10/18   | <b>H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 09/18 - 09/18   | <b>H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA, DOTD</b><br>Served as driller for the project.   |   |     |
| 07/18 – 09/18   | <b>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker</b><br>Served as driller’s helper for the project.   |   |     |
| 03/18 – 05/18   | <b>H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA, DOTD</b><br>Served as driller’s helper for the project.   |   |     |
| 09/17 – 11/17   | <b>H.002980, I-10 over US-165 &amp; MP RR – Iowa, LA</b><br>Served as driller’s helper for the project.  |   |     |
| 09/16 – 10/16   | <b>Naval Base Drainage Phase II; Belle Chase, LA</b><br>Served as driller for the project.   |   |     |

*Certifications:*  
**Certified Flagger**





**16. Staff Experience:**

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

|  |  |   |   |
|--|--|---|---|
| Firm employed by <b>Traffic Control Products of LA, Inc.</b>   |  |   |   |
| Name   | <b>Glen Eggers</b>   |   | Years of relevant experience with this employer     |
| Title  | Traffic Control Field Operations Manager   |   | Years of relevant experience with other employer(s) |
| Degree(s) / Years / Specialization   |  | B.A. / 1978 / Business Administration                   |   |
| Active registration number / state / expiration date   |  | N/A   |   |
| Year registered  | N/A  | Discipline  | N/A   |
| Contract role(s) / brief description of responsibilities   |  | Mr. Eggers supervises traffic control field operations. |   |
| 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 time specified in the applicable MPR(s). |   |   |
| <p>Eggers brings more than 38 years of experience to the traffic field. He has prepared reliable, detailed, and well-documented cost estimates and bid proposals for various projects. He schedules, coordinates, and supervises the overall delivery and installation traffic control field operations. He also works closely with contracts and state agencies to help resolve field issues and discuss value added engineering. Glen taught Traffic Control Supervisor and Technician Courses for AGC and ATSSA for 13 years. He attends State and Federal Traffic Safety Meetings regularly to assist in shaping Louisiana Traffic Control Specifications.</p> |  |   |   |
| 2022 - Present   | <b>Traffic Control Products of LA</b>  |   |   |
| 2009 - 2022  | <b>Traffic Solutions</b>   |   |   |
| 2008 - 2009  | <b>QPL</b>   |   |   |
| 2007 - 2008  | <b>Highway Technologies</b>  |   |   |
| 1886 - 2006  | <b>Work Zone</b>   |   |   |

**16. Staff Experience:**

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

|  |  |  |   |    |
|--|--|--|---|----|
| Firm employed by <b>Traffic Control Products of LA, Inc.</b> |  |  |   |    |
| Name   | <b>Nathan Billiot</b>  |  | Years of relevant experience with this employer     | 3  |
| Title  | Project Coordinator/Estimator  |  | Years of relevant experience with other employer(s) | 26 |
| Degree(s) / Years / Specialization                           |  | N/A  |   |    |
| Active registration number / state / expiration date         |  | N/A  |   |    |
| Year registered  | N/A  | Discipline   | N/A   |    |
| Contract role(s) / brief description of responsibilities     |  | Mr. Billiot schedules work crews and manages projects from 1 to 5 million dollars. |   |    |
| 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 time specified in the applicable MPR(s). |  |   |    |
| <b>02/19 – Present</b>                                       | <b>Project Manager/Estimator, Traffic Control Products of LA, Inc.</b><br>Schedules work crews and manages projects of all sizes including the following DOTD projects:  |  |   |    |
| 09/19 – 02/21  | <b>SP# H.013586.6 I-10: Canal St. – St. Philip St., New Orleans, LA,</b> Project Coordinator   |  |   |    |
| 04/21 – 04/21  | <b>SP #H.014296: I-10: IHNC Bridge Twin Spans Bridge, New Orleans, LA,</b> Project Coordinator   |  |   |    |
| 04/21 – 01/22  | <b>SP# H.013200.6: US 190: Bayou Teche St. Landry, St. Landry Parish, LA,</b> Project Coordinator  |  |   |    |

## 16. Staff Experience:

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

|  |  |  |   |    |
|--|--|--|---|----|
| Firm employed by <b>Traffic Control Products of LA, Inc.</b> |  |  |   |    |
| Name   | <b>Ray A. Billiot</b>  |  | Years of relevant experience with this employer     | 4  |
| Title  | Project Manager  |  | Years of relevant experience with other employer(s) | 33 |
| Degree(s) / Years / Specialization                           |  | General Studies / 2004 / Construction Management |   |    |
| Active registration number / state / expiration date         |  | N/A  |   |    |
| Year registered  | N/A  | Discipline                                       | N/A   |    |
| Contract role(s) / brief description of responsibilities     |  | Mr. Billiot manages projects of all sizes.       |   |    |
| 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 time specified in the applicable MPR(s). |  |   |    |
| <b>07/17 – Present</b>                                       | <b>Project Manager/Estimator, Traffic Control Products of LA, Inc.</b><br>Manages a variety of projects including DOTD projects:   |  |   |    |
| 09/19 – 02/21  | SP# H.013586.6 I-10: Canal St. – St. Philip St., New Orleans, LA, Project Manager  |  |   |    |
| 04/21 – 04/21  | SP #H.014296: I-10: IHNC Bridge Twin Spans Bridge, New Orleans, LA, Project Manager  |  |   |    |
| 04/21 – 01/22  | SP# H.013200.6: US 190: Bayou Teche St. Landry, St. Landry Parish, LA, Project Manager   |  |   |    |

## 17. Firm Experience:

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

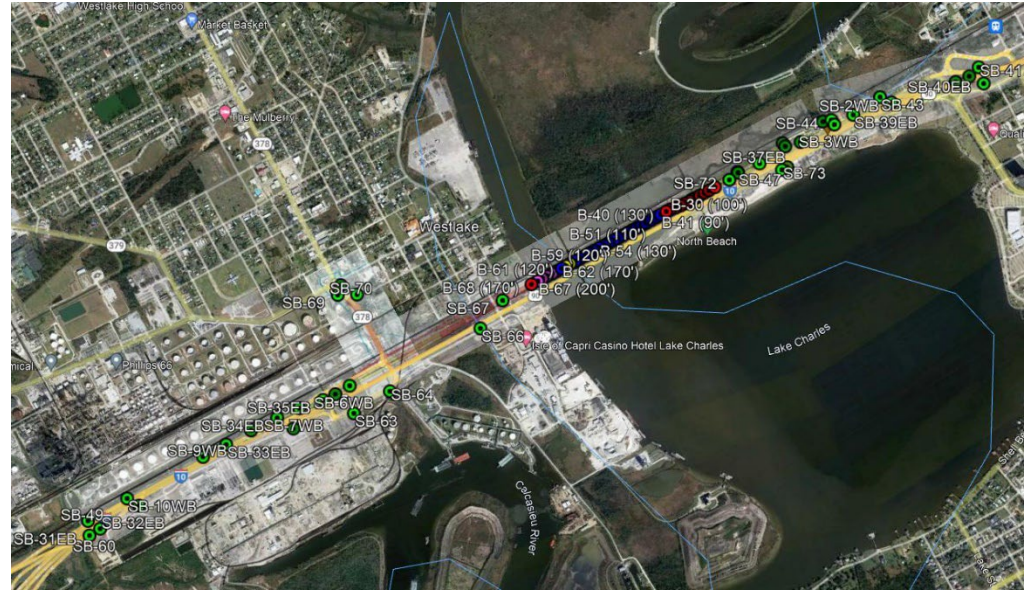
|   |   |   |  |         |
|---|---|---|--|---------|
| Firm name                               | <b>Terracon Consultants, Inc.</b>   |   | Past Performance Evaluation Discipline(s)*             | Geotech |
| Project name                            | <b>I-10 Lake Charles</b>  |   | Firm responsibility (prime or sub?)                    | Prime   |
| Project number                          | H.003931  | Owner's name  | Louisiana Department of Transportation and Development |         |
| Project location                        | Lake Charles, LA  | Owner's Project Manager                                       | Kristy Smith, P.E.                                     |         |
| Owner's address, phone, email           | 1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; kristy.smith2@la.gov |   |  |         |
| Services commenced by this firm (mm/yy) | 07/21   | Total consultant contract cost (\$1,000's)                    | \$1,308  |         |
| Services completed by this firm (mm/yy) | 12/21   | Cost of consultant services provided by this firm (\$1,000's) | \$732  |         |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Terracon performed 37 deep bridge borings, including borings over water and borings located within a navigable channel, and 39 shallow roadway borings and associated laboratory testing as part of a planned replacement of the existing I-10 Calcasieu River bridge in Lake Charles, LA.

Prior to mobilizing exploration equipment, Terracon's project manager and drilling personnel conducted extensive site visits to mark boring locations, meet with private landowners and utility locators, and verify boring access and site conditions. After marking locations, Terracon conducted private utility locates to supplement the public utility locating performed by LA OneCall. Terracon coordinated field activities with DOTD district personnel and coordinated access to borings in the navigable channel with USACE and USCG on behalf of Terracon and other DOTD contractors. Terracon mobilized multiple pieces of exploration equipment to complete all field work in a timely and provided regular updates to DOTD District and Headquarters staff about the project. Terracon completed lab testing in accordance with DOTD specifications and submitted the final data report ahead of the project deadline.

*Key Members: Lynne Roussel, Sarah Berman, Ryan Poindexter, Zhen Liu, Kylie Beadle, Matthew Minton, Brian Alexander, David Gannfors, Jesse Scott*



\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.



## 17. Firm Experience:

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

|   |  |   |  |         |
|---|--|---|--|---------|
| Firm name                               | <b>Terracon Consultants, Inc.</b>  |   | Past Performance Evaluation Discipline(s)*             | Geotech |
| Project name                            | <b>I-49 South at Verot School Road</b>   |   | Firm responsibility (prime or sub?)                    | Sub     |
| Project number                          | H.011235   | Owner's name  | Louisiana Department of Transportation and Development |         |
| Project location                        | Lafayette, LA  | Owner's Project Manager                                       | Corey Landry, P.E.                                     |         |
| Owner's address, phone, email           | 1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; corey.landry@la.gov |   |  |         |
| Services commenced by this firm (mm/yy) | 06/18  | Total consultant contract cost (\$1,000's)                    | \$442  |         |
| Services completed by this firm (mm/yy) | 02/22  | Cost of consultant services provided by this firm (\$1,000's) | \$442  |         |

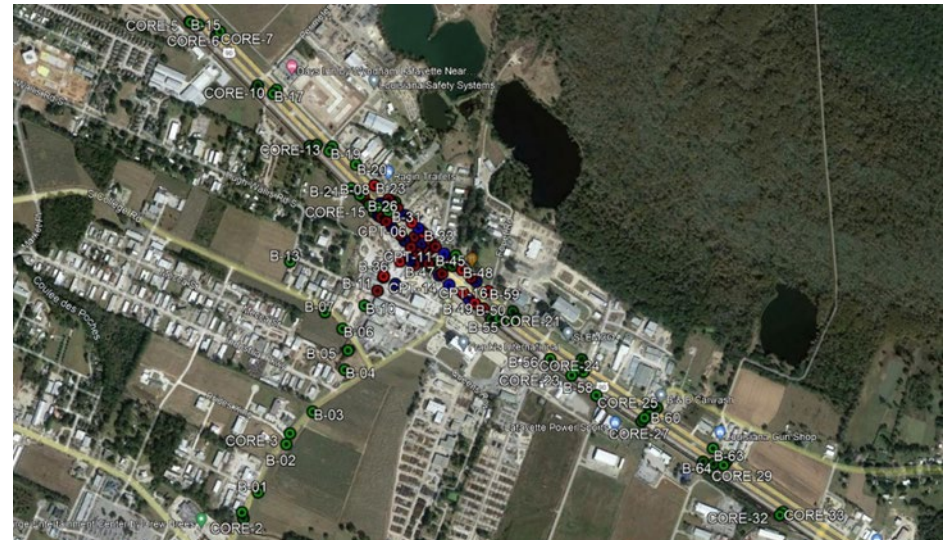
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Terracon was the geotechnical subconsultant to Huval and Associates. Terracon performed 30 deep borings, 67 shallow borings, including 33 located within the existing roadways, 15 CPT soundings, lab testing, installed and monitored piezometer, and prepared soil surveys and boring logs for planned new bridges, roadway widening, and retaining wall structures.

Prior to mobilizing exploration equipment, Terracon's drilling manager and drilling personnel conducted extensive site visits to mark boring locations, meet with private landowners and utility locators, and verify boring access and site conditions. Terracon coordinated field activities with DOTD district personnel, including the required traffic control. Traffic control, including shoulder and both daytime and overnight lane closures were required to complete several borings. Terracon mobilized multiple pieces of exploration equipment to complete all field work in a timely and provided regular updates to team members about the project.

After completing the field exploration and lab testing programs, Terracon prepared pile nominal resistance calculations for the planned bridge substructures in accordance with DOTD standards. Terracon additionally performed stability and settlement analyses for the MSE Walls. Terracon communicated with the design team and updated the analyses and recommendations throughout the design process, as necessitated by changes in the design.

*Key Members: Lynne Roussel, Steve Greaber, Sarah Berman, Zhen Liu, Ryan Poindexter, Kylie Beadle, Matthew Minton, Brian Alexander, David Gannfors, Jesse Scott, Garrett Triplette*



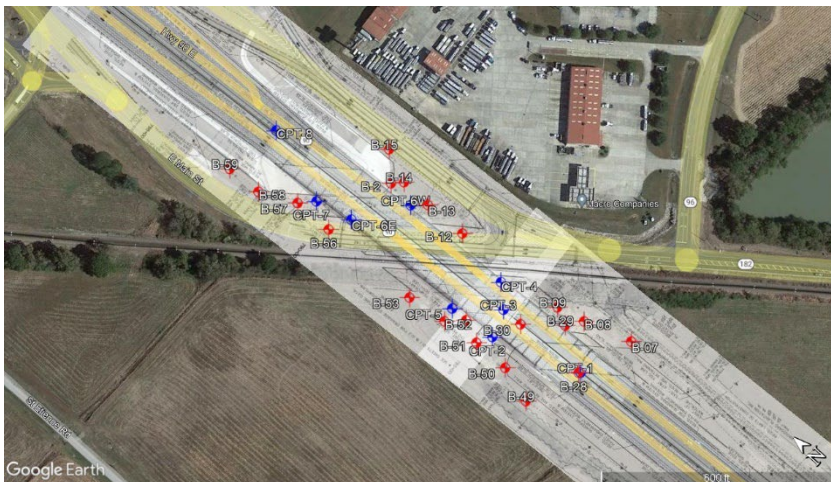
\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

## 17. Firm Experience:

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

|   |  |   |  |                      |
|---|--|---|--|----------------------|
| Firm name                               | <b>Terracon Consultants, Inc.</b>  |   | Past Performance Evaluation Discipline(s)*             | Geotech              |
| Project name                            | <b>US 90 (I-49 South) Albertsons Parkway Design Build</b>                          |   | Firm responsibility (prime or sub?)                    | Sub                  |
| Project number                          | H.010620   | Owner's name  | Louisiana Department of Transportation and Development |                      |
| Project location                        | Broussard, LA  |   | Owner's Project Manager                                | Peggy Jo Paine, P.E. |
| Owner's address, phone, email           | 1201 Capitol Access Rd, Baton Rouge, LA 70802; (337)475-4287<br>Peggy.Paine@la.gov |   |  |                      |
| Services commenced by this firm (mm/yy) | 02/15  | Total consultant contract cost (\$1,000's)                    | \$350  |                      |
| Services completed by this firm (mm/yy) | 12/18  | Cost of consultant services provided by this firm (\$1,000's) | \$350  |                      |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)



Terracon provided geotechnical design of the substructure of two bridges and global stability and settlement analysis for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors or pile order lengths to accommodate slight variations in nominal capacity obtained at each bent. Terracon also provided construction phase support to the design build contractor in evaluating of settlement monitoring data for the MSE walls for compliance with the contract requirements, pile bent acceptance, resolving NCRs, and supporting evaluation of RFIs.

*Key Members: Lynne Roussel, Steve Greaber, Ryan Poindexter, Matthew Minton, Brian Alexander, David Gannfors, Jesse Scott, Garrett Triplette*

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.



**17. Firm Experience:**

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

|   |   |   |  |         |
|---|---|---|--|---------|
| Firm name                               | <b>Terracon Consultants, Inc.</b>   |   | Past Performance Evaluation Discipline(s)*             | Geotech |
| Project name                            | <b>Nelson Road Extension and Bridge</b>   |   | Firm responsibility (prime or sub?)                    | Prime   |
| Project number                          | H.009481  | Owner’s name  | Louisiana Department of Transportation and Development |         |
| Project location                        | Lake Charles, LA  | Owner’s Project Manager                                       | Kristy Smith, P.E.                                     |         |
| Owner’s address, phone, email           | 1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; Kristy.Smith2@la.gov |   |  |         |
| Services commenced by this firm (mm/yy) | 07/18   | Total consultant contract cost (\$1,000’s)                    | \$364  |         |
| Services completed by this firm (mm/yy) | 12/18   | Cost of consultant services provided by this firm (\$1,000’s) | \$364  |         |

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

Terracon provided soil borings, lab testing, boring logs, and engineering for a planned roadway extension and bridge. Provided pile nominal capacity calculations and recommendations for resistance factors for design. Provided design support for impact dolphins to be placed in front of bridge to protect superstructure from impact by large ships from adjacent Port of Lake Charles.

*Key Members: Lynne Roussel, Steve Greaber, Sarah Berman, Ryan Poindexter, Matthew Minton, Brian Alexander, David Gannfors, Jesse Scott, Garrett Triplette*



\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

**17. Firm Experience:**

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

|   |   |   |  |                    |
|---|---|---|--|--------------------|
| Firm name                               | <b>Terracon Consultants, Inc.</b>   |   | Past Performance Evaluation Discipline(s)*             | Geotech            |
| Project name                            | <b>I-10 Widening</b>  |   | Firm responsibility (prime or sub?)                    | Prime              |
| Project number                          | H.004100  | Owner’s name  | Louisiana Department of Transportation and Development |                    |
| Project location                        | Baton Rouge, LA   |   | Owner’s Project Manager                                | Kristy Smith, P.E. |
| Owner’s address, phone, email           | 1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; Kristy.Smith2@la.gov |   |  |                    |
| Services commenced by this firm (mm/yy) | 06/19   | Total consultant contract cost (\$1,000’s)                    | \$285  |                    |
| Services completed by this firm (mm/yy) | 03/20   | Cost of consultant services provided by this firm (\$1,000’s) | \$285  |                    |

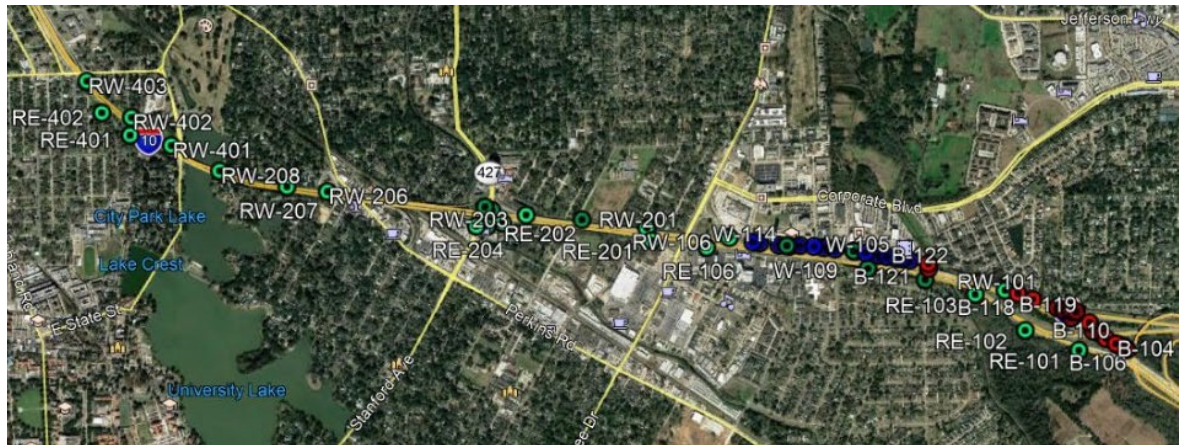
Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

Terracon provided soil borings, lab testing, soil surveys and boring logs for planned retaining wall, flyover, and widened roadway. Traffic control and lane closures were required as part of this project.

**Key Members:**

*Lynne Roussel, Steve Greaber, Sarah Berman, Ryan Poindexter, Kylie Beadle, Matthew Minton, Brian Alexander, David Gannfors, Jesse Scott, Garret Triplette*

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.



## 17. Firm Experience:

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

|   |   |   |  |                       |
|---|---|---|--|-----------------------|
| Firm name                               | <b>Traffic Control Products of LA, Inc.</b>   |   | Past Performance Evaluation Discipline(s)*             | Traffic               |
| Project name                            | <b>I-10: Canal St. – St. Philip St.</b>   |   | Firm responsibility (prime or sub?)                    | Sub                   |
| Project number                          | SP# H.013586.6  | Owner's name  | Louisiana Department of Transportation and Development |                       |
| Project location                        | New Orleans, LA   |   | Owner's Project Manager                                | Truesdell Corporation |
| Owner's address, phone, email           | Truesdell Corporation, 1310 W. 23 <sup>rd</sup> Street, Tempe Arizona 85282; Ph: 602-437-1711<br>info@gruesdellcorp.com |   |  |                       |
| Services commenced by this firm (mm/yy) | 09/19   | Total consultant contract cost (\$1,000's)                    |  | N/A                   |
| Services completed by this firm (mm/yy) | 02/21   | Cost of consultant services provided by this firm (\$1,000's) |  | \$ 239.4              |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Traffic Control Products of LA, Inc. provided temporary signs, barricades, and traffic control for the project.

*Key Members: Nathan Billiot, Ray Billiot*

## 17. Firm Experience:

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

|   |   |   |  |                  |
|---|---|---|--|------------------|
| Firm name                               | <b>Traffic Control Products of LA, Inc.</b>                         |   | Past Performance Evaluation Discipline(s)*             | Traffic          |
| Project name                            | <b>I-10: IHNC Bridge Twin Spans Bridge</b>                          |   | Firm responsibility (prime or sub?)                    | Sub              |
| Project number                          | SP #H.014296  | Owner's name  | Louisiana Department of Transportation and Development |                  |
| Project location                        | New Orleans, LA   |   | Owner's Project Manager                                | Southern Synergy |
| Owner's address, phone, email           | Southern Synergy, 1105 Bert St, Laplace, LA 70068; Ph: 985-359-9953 |   |  |                  |
| Services commenced by this firm (mm/yy) | 04/21   | Total consultant contract cost (\$1,000's)                    |  | N/A              |
| Services completed by this firm (mm/yy) | 04/21   | Cost of consultant services provided by this firm (\$1,000's) |  | \$ 15            |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Traffic Control Products of LA, Inc. provided temporary signs, barricades, and traffic control for the project.

*Key Members: Nathan Billiot, Ray Billiot*

## 17. Firm Experience:

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

|   |   |   |  |                       |
|---|---|---|--|-----------------------|
| Firm name                               | <b>Traffic Control Products of LA, Inc.</b>   |   | Past Performance Evaluation Discipline(s)*             | Traffic               |
| Project name                            | <b>US 190: Bayou Teche St. Landry</b>   |   | Firm responsibility (prime or sub?)                    | Sub                   |
| Project number                          | SP# H.013200.6  | Owner's name  | Louisiana Department of Transportation and Development |                       |
| Project location                        | St. Landry Parish, LA   |   | Owner's Project Manager                                | Barriere Construction |
| Owner's address, phone, email           | Barriere Construction, 308 Woodland Drive, LaPlace, LA 70068<br>Tel: (504) 581-7283; Barriere_info@barriere.com |   |  |                       |
| Services commenced by this firm (mm/yy) | 04/21   | Total consultant contract cost (\$1,000's)                    |  | N/A                   |
| Services completed by this firm (mm/yy) | 01/22   | Cost of consultant services provided by this firm (\$1,000's) |  | \$ 137.7              |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Traffic Control Products of LA, Inc. provided guardrail, mailboxes, and traffic control.

*Key Members: Nathan Billiot, Ray Billiot*



## **18. Approach and Methodology:**

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

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

### **Why Terracon**

Conventional geotechnical engineering typically involves drilling borings, running laboratory tests, and producing a geotechnical engineering report within a reasonable time frame. You expect field and laboratory data delivered along with the engineer's site preparation and foundation design opinions. But we do so much more.

Terracon is a 100% employee-owned consulting engineering firm providing quality services to clients. With more than 5,000 employees in more than 150 offices nationwide, our dedicated employees are responsive to clients, provide quality services, and take advantage of opportunities in the marketplace. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.

This IDIQ contract will be managed out of our Baton Rouge Office. This is our largest office and hub for all transportation work in Louisiana.



Terracon's geotechnical project sites across the state.



*Terracon's engineering staff and drilling crew maintain appropriate licensure and certifications, respectively.*

### **The Terracon Team**

Our typical Geotechnical Project Team is divided into three categories: Engineering, Laboratory, and Exploration. A Project Manager (PM) and an Approved Project Reviewer (APR) are assigned at the scope development stage. The PM and APR work closely during scope development and project execution to provide quality and timely services to our clients. The Laboratory Group is led by a Lab Manager and Lab Technicians who focus on efficiency and quality of the tests performed in the lab. The Exploration Team is led by a Drilling Supervisor and consists of Exploration Team members who execute the project safely in the field.

### **Scoping Our Projects**

We do our research prior to setting foot on your site. We retrieve local data from our vast database of historical information using our proprietary Geographic Information Systems (GIS) platform. We have retrieved over 1,000,000 datapoints across the country (pulling from over 750 databases), georeferenced each, and developed metadata that would allow for easy, and fast retrieval. Then, we develop an opinion of the expected subsurface conditions before we even take our first soil sample. Utilizing our opinion of expected conditions, we design an intelligent customized work plan to explore the site. Along with our arsenal of conventional drilling/sampling, in-situ testing and nonintrusive, geophysical exploration tools strategically placed across the country, we execute the intelligent work plan using safe, current, and effective tools and procedures.



## Pre-Task Planning at the Start of a Project

The PM will subsequently have a kickoff meeting with Terracon's Field Supervisor, Lab Manager and Senior Geotechnical Engineer to discuss the scope of work, job hazards, supplies, traffic control plan, required lab testing, and deliverables/reporting to the client. These meetings are mandatory to help set-up the project for a successful and safe delivery. The PM will also hold a Client kickoff meeting to review the project scope, field plans, and provide due date for major milestones during the project. This Client Engaged Kickoff Meeting is a great way to make sure we meet our client expectations. Our clients are also introduced to our Client Portal where they can log in and review their project details, look at maps of the site and gain access to our GIS platform.

Terracon will also work with our subconsultant, TCP, to develop traffic control plans for each task order. We will coordinate with them to develop the plan to submit to the local district and will oversee that the plan is executed properly by TCP.

During large multi-stage design projects where geotechnical services are not performed until later stages of a design process, Terracon can provide a Stage 1 Report. The Stage 1 Report includes review of subsurface information available from our GIS system and a preliminary evaluation of potential substructure options for the proposed structures. This report is used in early planning stages of design.

## Site Characterization

Coordinating resources and routinely mobilizing multiple drill units locally, regionally, and nationwide is what Terracon does every day. When executing our subsurface exploration services, the safety and protection of our clients, employee owners, subcontractors, and the general public is our number one priority!

The Baton Rouge office has two ATV rigs and a track mounted CPT rig that locally operated. If other types of equipment are needed, Terracon can pull resources from across the company to complete the project.

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***With more than 130 drill rigs, Terracon owns and operates the largest drilling fleet of any geotechnical engineering firm in the U.S.***

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*Terracon holds a current Louisiana Water Well Contractor's license (copy included in Section 20).*

Our field crews are provided a field packet that includes directions to the site, boring layout, Louisiana One-Call ticket, maps to nearest hospital, tailgate safety meeting forms, and blank field forms. The crew arrives onsite and starts out the day with a daily safety tailgate meeting.

Safety is one of Terracon's core values and our commitment to an Incident and Injury-Free™ (IIF™) philosophy is one of the pillars of our culture. Successful execution and delivery include the need to work safely and keep our employees and the public safe every day. Terracon is very much a safety-oriented company. We have built health and safety into all aspects of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an IIF moment and safety discussion.

Terracon is committed to complying with LADOTD's work-zone training requirements. Brian Alexander, Drilling Operations Manager is a certified Traffic Control Supervisor. Currently, three additional field personnel have the Traffic Control Technician training and flagger training. Our subcontractor, TCP also has an extensive staff of certified Traffic Control Technicians, Supervisors, and flaggers. TCP has been providing traffic control since 1978. Their staff of 80+ members has worked on hundreds of DOTD projects. *With 27 TCS-certified technicians and 11 of those with flagger certification, TCP is DBE/SBE certified.*

All drilling and sampling will be completed as per LADOTD Guidelines. The field supervisor monitors quality of the samples during the investigation and reports to the PM at the end of the day. All field data is sent electronically to the office every night. The PM can review field logs first thing in the morning to check for issues in the field. By sending data back to the office each night, the PM can ensure that the samples are moving quickly into the lab and are being

tested in a timely manner. Also, this allows are project to constantly be moving and not waiting on things to be completed before moving to the next step. Our goal is to meet our clients' needs and on time report delivery.

## Laboratory

And what professional, geotechnical engineering firm would not have an excellent laboratory? Terracon has more than 140 of them. The Baton Rouge laboratory will be the lab used for this contract. We maintain required state and federal program accreditations and validations. We utilize an internal quality program that confirms that we meet our standards for safety and efficiency as well as quality, lowering your costs to get the data needed to optimize design.

Laboratory tests are performed to define soil properties and identify those soils that do not conform to project specifications. For moisture content, strength, and stability, the early identification of issues helps avoid future problems and allows for the correction of problems during construction. Tests include laboratory compaction characteristics of soil, plasticity index, gradation, organic content, classification, swell pressure unconfined compressive strength, and corrosion index testing. In addition to routine material property testing, we also provide advanced shear strength, swell/consolidation, petrographic, steel, wood, geosynthetics, and rock mechanics test data to meet testing needs for even the most complex structures. We continually apply new technologies to improve and expedite our services to solve your project challenges in a timely, reliable, and cost-effective manner.

Our trained and certified staff of testing personnel are supported by fully supplied, technologically advanced laboratories that have been accredited and validated by third party agencies to include AASHTO, AMRL, CCRL, USACE, A2LA, CMEC & NVLAP. Each of our laboratories has implemented and operate under the strict guidelines set by Terracon's Quality Management System.



*Terracon currently has the required laboratory accreditation including the test methods: D4318, D2435, D2216, D2850, and D1140. Our AASHTO certification is included in Section 20.*

The lab works efficiently and quickly to get the lab results turned over to the PM. The lab results are compiled in our GINT software to produce soil boring logs for each boring that was drilled.

As part of our Quality control, Terracon is always finding innovative ways to streamline our procedures. Terracon has developed a QR code system to help with the high volume of samples delivered daily to the laboratory. All samples are labeled in the field with a QR code. Once the samples arrive in the laboratory, the QR code is scanned and shows that the samples have been received. It is a quality check for us to ensure that all samples for each project have been returned to the lab for testing.

## Engineering

Our geotechnical engineers review all of the lab data and boring logs. A final Geotechnical Data Report is compiled to include summaries of the field and lab work, descriptions of methods and standards used, site plans, and all data plots and results from testing. An electronic file of our GINT files is also submitted to LADOTD for their records.

For geotechnical design projects, our geotechnical engineers analyze the information, develop site preparation options, foundations, and pavements, and consult with you and your entire design team to create solutions faster than ever. For engineering analysis and design, our staff has experience with slope stability, embankment settlement, pile foundations, drilled shaft foundations, pile-supported approach slab design, static and dynamic load testing, earth

retaining structures, pavement design, and culverts. Terracon also has experience with Construction Monitoring on projects. Part of this experience includes WEAP analysis, Pile Driving analyzer, CAPWAP, Drill shaft monitoring and instrumentation.

Understanding that collaboration builds consensus and time is money, we achieve collaboration by delivering data to the entire design team as soon as we collect it using the Client Portal, Terracon's web-based delivery platform that dynamically displays the project's maps and information as well as our findings and recommendations.

### **Our Quality Program: At the Project Level**

With tens of thousands of projects each year in all sizes, large and small, Terracon provides a wide variety of services to our clients. A variety of processes, roles, and responsibilities is available to provide the level of service and quality required by each project.

We group projects into two types. Larger, more complex projects that require additional project and/or management activity, attention, or oversight are classified as Type II projects. All other projects are classified as Type I projects.

Projects are staffed by qualified project personnel performing the various required tasks. Each person has an individual responsibility to understand the essential goals of the project and the needs of the client. Through training, evaluation, and external certifications and licensing as appropriate, our staff demonstrate that they are qualified and adequately experienced to perform their tasks in a manner that is consistent with applicable standards, regulations, policies, and procedures. Individuals are also responsible for ongoing participation in appropriate technical training and continuing education to maintain their proficiency, certification, or licensing based on their role.

In addition to individual responsibilities, collaborative project review is a crucial component of our program. The level and extent of review depends on the deliverable or task. Field and laboratory data, calculations, and opinions, recommendations, and conclusions are reviewed by a second set of eyes for quality control. Laboratory processes are also subject to internal quality systems, codified in Terracon's Laboratory Quality Management System, to ensure accuracy of lab data.

To carry out these duties and achieve quality objectives, project managers and APRs work together, most importantly at project critical junctures. This collaboration brings the necessary project management and technical expertise to bear on each project. Depending on their size and complexity, some projects may be subject to additional oversight and expert review. Instead of relying solely on post-review discoveries in a reactive mode, the project manager and APR collaborate throughout the project to make proactive decisions together.

Program execution is confirmed through the signatures of both the project manager and APR on project deliverables.

## 19. Workload:

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

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

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

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

| Firm(s)  | Past Performance Evaluation Discipline(s) * | State project number | Project name  | Remaining Unpaid Balance** |
|----------|---|----------------------|---|----------------------------|
| Terracon | Environmental                               | H.004273.5           | Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish | \$2,970                    |
| Terracon | Geotechnical                                | H.005967             | Nelson Road Extension and Bridge  | \$52,423                   |
| Terracon | Geotechnical                                | H.012569             | Little Sugar Creek Bridge   | \$4,423                    |
| Terracon | Geotechnical                                | H.000385.5           | US190: LA415 & RR Overpass  | \$213,763                  |
| Terracon | Geotechnical                                | H.011670             | Loyola Interchange Design-Build   | \$310,418                  |
| Terracon | Geotechnical                                | H.012033             | Cross Bayou and Caney Bayou   | \$36,063                   |
| Terracon | Geotechnical                                | H. 002794.5          | LA 308 - Canal Bridges Near Larose  | \$82,634                   |
| TCP      | Traffic                                     | SP# H.011670         | Loyola Dr/I-10 Job New Orleans  | \$55,033                   |
| TCP      | Traffic                                     | SP# H.000428.6       | La 12 Bridges Calcasieu Parish  | \$99,971                   |
| TCP      | Traffic                                     | SP# H.012990         | La 182 - St Mary Parish   | \$94,723                   |
| TCP      | Traffic                                     | SP# H.014672.6       | I-12 LA 1032 Overpass -   | \$35,270                   |
| TCP      | Traffic                                     | SP# H.012560         | LA 23 - Tunnel - Plaquemines Parish   | \$280,880                  |
| TCP      | Traffic                                     | SP# H.013738         | LA 441 - Livingston Parish  | \$4,000                    |
| TCP      | Traffic                                     | SP# H.014501         | LA 441 US 190 LA 442 - Livingston Par   | \$138,144                  |
| TCP      | Traffic                                     | SP# H.013757         | US 90 @ LA 3046 Jefferson Parish  | \$45,194                   |
| TCP      | Traffic                                     | SP# H.013191         | LA 1: LA 75 Bayou Plaquemine Bridge   | \$207,015                  |
| TCP      | Traffic                                     | SP# H.01473.6        | LA 22 7th St - Dunson Rd Tangi Parish   | \$73,916                   |
| TCP      | Traffic                                     | SP# H.012073         | LA 20 @ LA 3127 - St James Parish   | \$742                      |
| TCP      | Traffic                                     | SP# H.014104         | LA 1: LA3089 Iberville Parish   | \$94,570                   |
| TCP      | Traffic                                     | SP# H.013001.6       | LA 308: LA 70 Ascension Parish  | \$78,580                   |
| TCP      | Traffic                                     | SP# H.014474         | US 61 Turn Lane Improvement - Asc Par   | \$1,300                    |

(Add rows as needed)

DO NOT SUM

\* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

## 20. Certifications/Licenses:

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

|   |   |                      |  |
|---|---|----------------------|--|
| 3/16/22, 9:46 AM  |   | Print Lookup Details |  |
| <b>The Louisiana Professional Engineering and Land Surveying Board has the following information on file:</b> |   |                      |  |
| Name:   | Public Address:   |                      |  |
| Terracon Consultants, Inc.  | Ms. Barbara Boerner10841 South Ridgeview Road<br>Olathe, Kansas 66061 |                      |  |
| <b>License/Certificate Information w/<br/>Supervision</b>   |   |                      |  |
| License   | Status  | First Issuance Date  | Expiration Date Supervisor(s)  |
| EF.0002749  | Active  | 12/18/2001           | 03/31/2024 Mr. Zack Lemual Dial III # PE.0034872 - Active ; Ms. Laura Jean Campa # PE.0040847 - Active |







LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 3/16/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS)  
has the following information on file:

Ms. Lynne Elizabeth Roussel  
15421 Campanile Court  
Baton Rouge, Louisiana 70810

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

**Ms. Lynne Elizabeth Roussel**  
License/Certificate Type - Number      Expiration Date  
PE.0035152                                      03/31/2024  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 2/10/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS)  
has the following information on file:

Mr. Stephen Eugene Greaber  
5048 Bridle Path Lane  
Greenville, South Carolina 29615

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

**Mr. Stephen Eugene Greaber**  
License/Certificate Type - Number      Expiration Date  
PE.0026107                                      09/30/2023  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 4/18/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS)  
has the following information on file:

Ms. Sarah Finnegan Berman  
8910 Magnolia Leaf Avenue  
Baton Rouge, Louisiana 70810

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

**Ms. Sarah Finnegan Berman**  
License/Certificate Type - Number      Expiration Date  
PE.0043630                                      03/31/2024  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 4/20/2022 the Louisiana Professional Engineering and Land Surveying Board (LAP)  
has the following information on file:

Mr. John Michael Voelker  
2822 O'Neal Lane, Building B  
Baton Rouge, Louisiana 70816

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

**Mr. John Michael Voelker**  
License/Certificate Type - Number      Expiration Date  
PE.0043451                                      09/30/2023  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 4/28/2022 the Louisiana Professional Engineering and Land Surveying Board (LAP)  
has the following information on file:

Mr. Ryan Ernest Poindexter  
7878 LaSalle Avenue, Apt. 22  
Baton Rouge, Louisiana 70806

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

**Mr. Ryan Ernest Poindexter**  
License/Certificate Type - Number      Expiration Date  
PE.0046285                                      03/31/2024  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 4/18/2022 the Louisiana Professional Engineering and Land Surveying Board (LAP)  
has the following information on file:

Mr. Zhen Liu  
1217 Gentle Wind Drive  
Baton Rouge, Louisiana 70820

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

**Mr. Zhen Liu**  
License/Certificate Type - Number      Expiration Date  
PE.0043570                                      09/30/2023  
Status: **Active**

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

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

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



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD  
As of 5/11/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS)  
has the following information on file:

Mrs. Kylie H. Beadle  
23374 Odette Avenue  
Denham Springs, Louisiana 70726

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

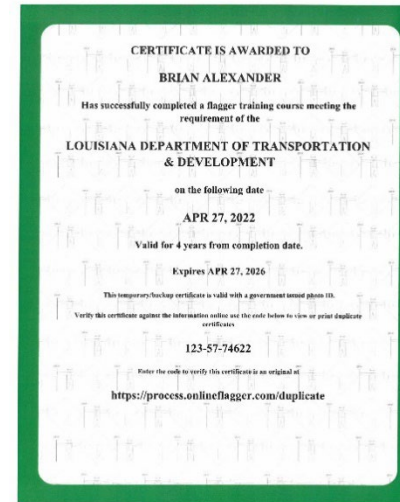
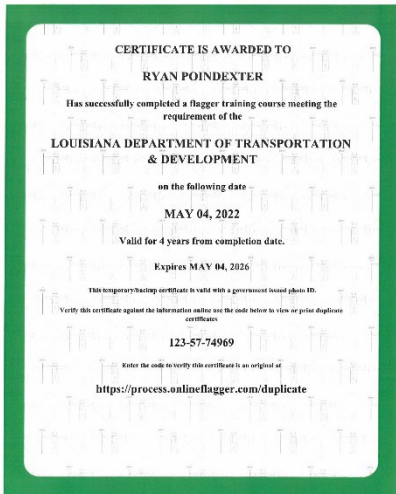
**Mrs. Kylie H. Beadle**  
License/Certificate Type - Number      Expiration Date  
EI.0034151                                      03/31/2024  
Status: **Active**

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

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

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





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

May 10, 2022

To Whom It May Concern,

This is to verify that the below listed employees Of Terracon Consultants, Inc. have successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician Training – April 26, 2022 – Jesse Scott and Garrett Triplette

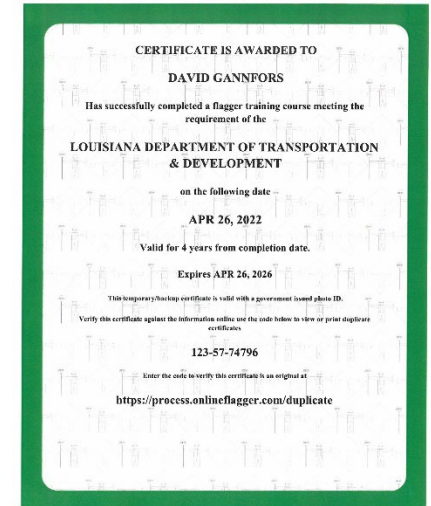
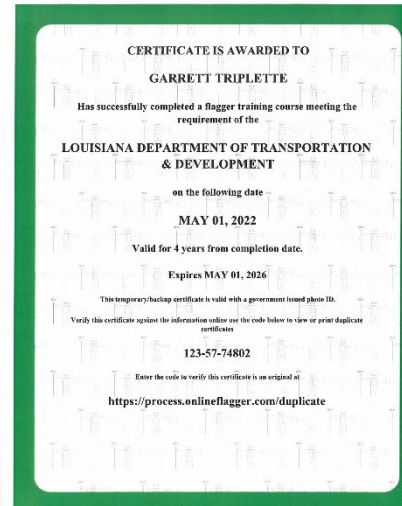
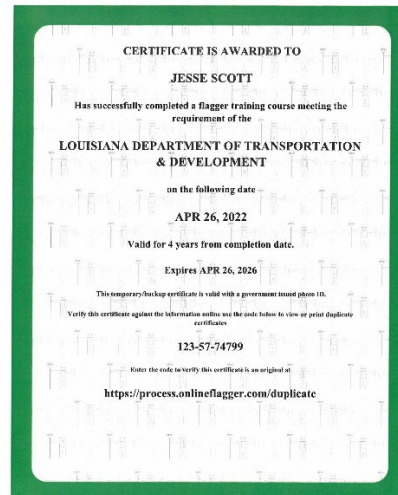
This letter will serve as temporary proof of training until above listed employees receive their official certificates from American Traffic Safety Services Association (ATSSA).

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

Best Regards,

*Ken Naquin*

Ken Naquin- LAGC Chief Executive Officer





# CERTIFICATE OF ACCREDITATION



## Terracon Consultants, Inc.

in

### Baton Rouge, Louisiana, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](http://aashtoresource.org)).

*Jim Tymon*  
Jim Tymon  
AASHTO Executive Director

*Moe Jamshidi*  
Moe Jamshidi  
AASHTO COMP Chair

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



### SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.  
in Baton Rouge, Louisiana, USA

## Quality Management System

| Standard:   | Accredited Since: |
|---|-------------------|
| R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories  | 01/10/22          |
| C1077 (Aggregate) Laboratories Testing Concrete and Concrete Aggregates   | 02/26/20          |
| C1077 (Concrete) Laboratories Testing Concrete and Concrete Aggregates  | 04/03/22          |
| D3740 (Soil) Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction   | 01/10/22          |
| E329 (Aggregate) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction                       | 02/26/20          |
| E329 (Concrete) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction                        | 11/06/22          |
| E329 (Soil) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction                            | 04/20/22          |
| E329 (Sprayed Fire-Resistive Material) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | 07/23/22          |

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



### SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.  
in Baton Rouge, Louisiana, USA

## Soil

| Standard:  | Accredited Since: |
|--|-------------------|
| T99 The Moisture-Density Relations of Soils Using a 5.5 lb (2.5 kg) Rammer and a 12 in. [305 mm] Drop  | 02/26/2010        |
| T180 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop    | 02/26/2010        |
| D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test                             | 02/26/2010        |
| D422 Particle Size Analysis of Soils by Hydrometer   | 02/26/2010        |
| D698 The Moisture-Density Relations of Soils Using a 5.5 lb (2.5 kg) Rammer and a 12 in. [305 mm] Drop | 02/26/2010        |
| D854 Specific Gravity of Soils   | 02/26/2010        |
| D1162 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve                                 | 02/26/2010        |
| D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop   | 02/26/2010        |
| D1883 The California Bearing Ratio   | 04/13/2016        |
| D2169 Unconfined Compressive Strength of Cohesive Soil   | 02/26/2010        |
| D2216 Laboratory Determination of Moisture Content of Soils  | 02/26/2010        |
| D2455 One-Dimensional Consolidation Properties of Soils Using Incremental Loading                      | 02/26/2010        |
| D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)            | 02/26/2010        |
| D2488 Description and Identification of Soils (Visual-Manual Procedure)                                | 02/26/2010        |
| D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression         | 02/26/2010        |
| D3074 Determination of Organic Content in Soils by Loss on Ignition                                    | 02/26/2010        |
| D4254 Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density               | 04/13/2016        |
| D4318 Determining the Liquid Limit of Soils (Atterberg Limits)   | 02/26/2010        |
| D4319 Plastic Limit of Soils (Atterberg Limits)  | 02/26/2010        |
| D4548 One-Dimensional Swell or Settlement Potential of Cohesive Soils                                  | 01/12/2012        |
| D4718 Oversize Particle Correction   | 12/26/2013        |
| D4972 pH Testing of Soils  | 01/12/2012        |
| D6084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter           | 01/12/2012        |

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



### SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.  
in Baton Rouge, Louisiana, USA

## Soil (Continued)

| Standard:   | Accredited Since: |
|---|-------------------|
| D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis                                | 04/13/2016        |
| D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | 02/26/2010        |

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



### SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.  
in Baton Rouge, Louisiana, USA

## Aggregate

| Standard:  | Accredited Since: |
|--|-------------------|
| C26 Soil Density (Unit Weight) and Yields in Aggregate                           | 02/26/2010        |
| C40 Organic Impurities in Fine Aggregates for Concrete                           | 02/26/2010        |
| C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing | 02/26/2010        |
| C127 Specific Gravity and Absorption of Coarse Aggregate                         | 02/26/2010        |
| C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate        | 02/26/2010        |
| C136 Sieve Analysis of Fine and Coarse Aggregates                                | 02/26/2021        |
| C568 Total Moisture Content of Aggregate by Drying                               | 02/26/2010        |
| C702 Reducing Samples of Aggregate to Testing Size                               | 02/26/2010        |
| D75 Sampling Aggregate   | 12/26/2013        |

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



### SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.  
in Baton Rouge, Louisiana, USA

## Sprayed Fire-Resistive Material

| Standard:  | Accredited Since: |
|--|-------------------|
| E684 Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members | 12/26/2013        |
| E736 Cohesion/Adhesion of Sprayed Fire-Resistive Material Applied to Structural Members            | 12/26/2013        |

This certificate was generated on 04/28/2022 at 3:51 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)

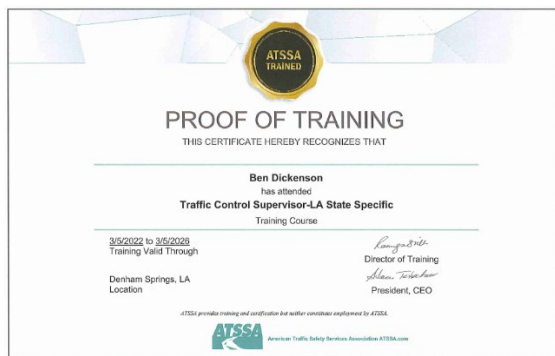




**Concrete**

| <b>Standard:</b>  | <b>Accredited Since:</b> |
|---|--------------------------|
| C31 Making and Curing Concrete Test Specimens in the Field  | 11/08/2013               |
| C39 Compressive Strength of Cylindrical Concrete Specimens  | 07/27/2010               |
| C78 Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)  | 11/08/2013               |
| C138 Density (Unit Weight), Yield, and Air Content of Concrete  | 07/27/2010               |
| C143 Slump of Hydraulic Cement Concrete   | 07/27/2010               |
| C172 Sampling Freshly Mixed Concrete  | 07/27/2010               |
| C173 Air Content of Freshly Mixed Concrete by the Volumetric Method   | 07/27/2010               |
| C231 Air Content of Freshly Mixed Concrete by the Pressure Method   | 07/27/2010               |
| C611 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes        | 11/08/2013               |
| C617 (5000 psi and below) Capping Cylindrical Concrete Specimens  | 01/08/2020               |
| C1094 Temperature of Freshly Mixed Portland Cement Concrete   | 07/27/2010               |
| C1231 (7000 psi and below) Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 11/08/2013               |

Traffic Control Products of Louisiana, Inc. (TCPLA) has been providing traffic control since 1978. Their staff of 80+ members has worked on hundreds of DOTD projects. With 27 TCS-certified technicians and 11 of those with flagger certification, the company is DBE/SBE certified. Senior staff Glen Eggers, Nathan Billiot, and Ray Billiot have 38, 26, and 33 years of experience in traffic control, respectively.





**ATSSA TRAINED**

## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Kendale Talbert**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

---

3/13/2021 to 3/14/2021  
Date

Denham Springs, LA  
Location

*Ramona Brite*  
Director of Training  
*Alan Tischer*  
President, CEO

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

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

**ATSSA TRAINED**

## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Audrey Minor**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

---

3/13/2021 to 3/14/2021  
Date

Denham Springs, LA  
Location

*Ramona Brite*  
Director of Training  
*Alan Tischer*  
President, CEO

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

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

**ATSSA TRAINED**

## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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**Kyndal Labouef**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

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3/11/2026 to 3/11/2028  
Training Valid Through

Denham Springs, LA  
Location

*Ramona Brite*  
Director of Training  
*Alan Tischer*  
President, CEO

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



Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at [www.atssa.com](http://www.atssa.com) for additional training courses and work zone safety products.

Sincerely,

*Jessica Shugler*  
Director of Training



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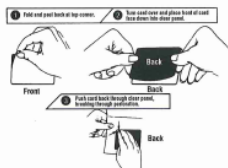
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Sincerely,

*Jessica Shugler*  
Director of Training

Laminating the front of your card with Dual Laminates:



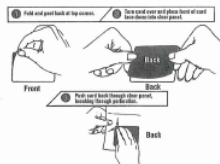
**ATSSA**  
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that  
**Kendale Talbert**  
has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

Expiration Date: 9/17/2023 State Issued In: LA  
Instructor Signature: *Ramona Brite*  
Verification available by calling 1-877-643-4837 or at <http://www.flagger.com>

American Traffic Safety Services Association  
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077  
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717  
[www.atssa.com](http://www.atssa.com)

Laminating the front of your card with Dual Laminates:



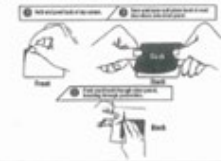
**ATSSA**  
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that  
**Audrey Minor**  
has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

Expiration Date: 9/17/2023 State Issued In: LA  
Instructor Signature: *Ramona Brite*  
Verification available by calling 1-877-643-4837 or at <http://www.flagger.com>

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Laminating the front of your card with Dual Laminates:



**ATSSA**  
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that  
**Larry J Thomas**  
has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

Expiration Date: 9/17/2023 State Issued In: LA  
Instructor Signature: *Ramona Brite*  
Verification available by calling 1-877-643-4837 or at <http://www.flagger.com>

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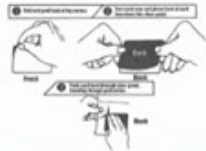
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Sincerely,

*Jeanne Whipple*  
Director of Training

Laminating the front of your card with Dual Laminator:



American Traffic Safety Services Association  
15 Riverside Parkway, Suite 102 • Fredericksburg, VA 22409-1077  
Office: 540-369-1791 • Toll-Free: 800-273-8772 • Fax: 540-369-1772  
[www.atssa.com](http://www.atssa.com)



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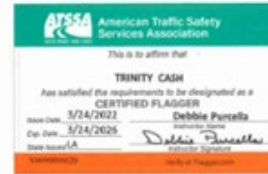
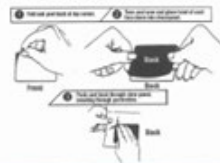
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Sincerely,

*Kangas Bitt*  
Director of Training

Laminating the front of your card with Dual Laminator:





**21. QA/QC Plan and/or Work Plan:**

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.



**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<br/>(as registered with Louisiana's<br/>Secretary of State)</b> | <b>Address</b>                                | <b>Point of Contact and email<br/>address</b> | <b>Phone Number</b> |
|--|---|---|---------------------|
| Traffic Control Products Company of Louisiana, Inc.                          | 2230 Tower Street<br>Denham Springs, LA 70726 | Suzanne Albin<br>suzanne@tcpofla.com          | (225) 665-7950      |
|  |   |   |                     |
|  |   |   |                     |

(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.