

# 1DOTD FORM: 24-102

(Revised August 11,

2025)

## 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.

|                                                                                                                                                                                                                                                     |                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1. Contract Name as shown in the advertisement                                                                                                                                                                                                      | Indefinite Delivery/Indefinite Quantity (IDIQ) Contract for Cultural Resources Services Statewide |
| 2. Contract Number(s) as shown in the advertisement                                                                                                                                                                                                 | Contract Nos. 4400034603 and 4400034824                                                           |
| 3. State Project Number(s), if shown in the advertisement                                                                                                                                                                                           |                                                                                                   |
| 4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u> ) | ELOS Environmental, LLC                                                                           |
| 5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)                                                                    | N/A                                                                                               |
| 6. Prime consultant mailing address                                                                                                                                                                                                                 | 607 W Morris Ave, Hammond, LA 70403                                                               |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)                                                                                                                                 |                                                                                                   |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact                                                                                                                                                     | Lucas Watkins<br>985-662-5501<br>lwatkins@elosenv.com                                             |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal                                                                                                                                            | Lucas Watkins<br>985-662-5501<br>lwatkins@elosenv.com                                             |

Prime consultant name here

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                               |                 |     |                 |           |  |  |
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| <p><b>10.</b> This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p> <p><b>Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.</b></p> |  <p>Signature above shall be the same person listed in Section 9:</p> <p>Date: 4/16/26</p> |                 |     |                 |           |  |  |
| <p><b>11.</b> If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <table border="0"> <tr> <td><u>Firm(s):</u></td> <td>N/A</td> <td><u>Firm(s)'</u></td> </tr> <tr> <td><u>%:</u></td> <td></td> <td></td> </tr> </table>                       | <u>Firm(s):</u> | N/A | <u>Firm(s)'</u> | <u>%:</u> |  |  |
| <u>Firm(s):</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N/A                                                                                                                                                                           | <u>Firm(s)'</u> |     |                 |           |  |  |
| <u>%:</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                               |                 |     |                 |           |  |  |

**12. Discipline Table:**

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

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

| Discipline(s)                                                                                                                           | % of Overall Contract | Prime | Firm B                  | Firm C | Firm D | Firm E | Each Discipline must total to 100% |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------|-------------------------|--------|--------|--------|------------------------------------|
| Environmental                                                                                                                           | 100%                  | Prime | ELOS Environmental, LLC |        |        |        | <b>100%</b>                        |
| Choose an item.                                                                                                                         |                       |       |                         |        |        |        | <b>100%</b>                        |
| Identify the percentage of work for the <u><b>overall contract</b></u> to be performed by the prime consultant and each sub-consultant. |                       |       |                         |        |        |        |                                    |
| Percent of Contract                                                                                                                     | <b>100%</b>           |       |                         |        |        |        |                                    |

Prime consultant name here

**13. Team Size:**

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

| Firm name               | DOTD Job Classification | Number of personnel committed to this contract * | Total number of personnel available in this DOTD Job Classification (if needed) |
|-------------------------|-------------------------|--------------------------------------------------|---------------------------------------------------------------------------------|
| ELOS Environmental, LLC | Principal               | 1                                                | 2                                                                               |
| ELOS Environmental, LLC | Archaeologist           | 3                                                | 3                                                                               |
| ELOS Environmental, LLC | Architectural Historian | 1                                                | 1                                                                               |
| ELOS Environmental, LLC | GIS                     | 2                                                | 4                                                                               |
| ELOS Environmental, LLC | Clerical                | 2                                                | 3                                                                               |
|                         |                         |                                                  |                                                                                 |
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|                         |                         |                                                  |                                                                                 |
|                         | Choose an item.         |                                                  |                                                                                 |
|                         | Choose an item.         |                                                  |                                                                                 |
|                         | Choose an item.         |                                                  |                                                                                 |

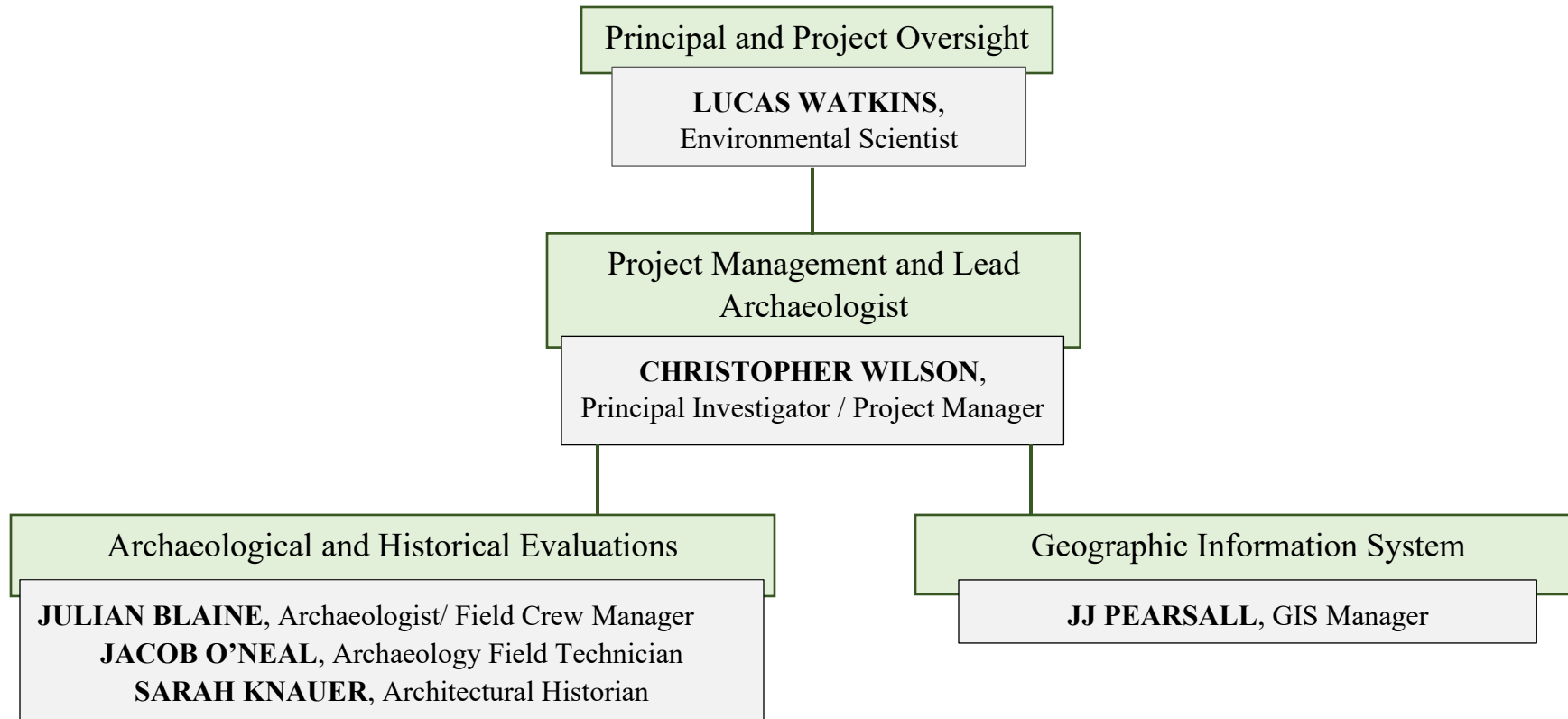
(Add rows as needed)

**\*For evaluation purposes only**, and as referenced in the Scope of Services on page 2 of IDIQ advertisements only, the consultant shall assume the number of concurrently active task orders specified in the advertisement and shall identify the number of **committed** personnel accordingly.

Prime consultant name here

**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.



**15. Minimum Personnel Requirements:**

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

| MPR No.<br>Do not insert<br>wording<br>from ad | Personnel being used to meet the MPR<br>(Individual(s) may not satisfy more than one MPR<br>unless specifically allowed by Attachment B of the<br>advertisement) | Firm employed by        | Type of license and<br>discipline meeting MPR/<br>certification & number<br>(Ex: PE # - Civil) | State<br>of<br>license | License /<br>certification<br>expiration date |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|
| 1, 2                                           | Lucas Watkins                                                                                                                                                    | ELOS Environmental, LLC |                                                                                                |                        |                                               |
| 5                                              | Christopher Wilson                                                                                                                                               | ELOS Environmental, LLC |                                                                                                |                        |                                               |
| 4                                              | Julian Blaine                                                                                                                                                    | ELOS Environmental, LLC |                                                                                                |                        |                                               |
| 3                                              | Jacob O'Neal                                                                                                                                                     | ELOS Environmental, LLC |                                                                                                |                        |                                               |
| 6                                              | Sarah Knauer                                                                                                                                                     | ELOS Environmental, LLC |                                                                                                |                        |                                               |
| 7                                              | JJ Pearsall                                                                                                                                                      | ELOS Environmental, LLC |                                                                                                |                        |                                               |
|                                                |                                                                                                                                                                  |                         |                                                                                                |                        |                                               |
|                                                |                                                                                                                                                                  |                         |                                                                                                |                        |                                               |

(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 are **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>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                        |                                                     |  |           |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Lucas Watkins</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                        | Years of relevant experience with this employer     |                                                                                     | <b>19</b> |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Principal/Environmental Scientist</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                        | Years of relevant experience with other employer(s) |                                                                                     | <b>4</b>  |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MS / 2005 / Biological Sciences<br>BS / 2000 / Forest Management                                                                                                       |                                                     |                                                                                     |           |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | National Highway Institute: NEPA & Transportation Decision-Making Process (includes NEPA, Section 4(f) Coordination, and Section 106), USACE Wetland Delineation, 2007 |                                                     |                                                                                     |           |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Discipline                                                                                                                                                             | <b>N/A</b>                                          |                                                                                     |           |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Principal, Quality Control/ Quality Assurance, Project Oversight, Agency Coordination, Stakeholder Outreach, and Public Meetings (MPR 1)                               |                                                     |                                                                                     |           |
| <p>Lucas Watkins is the President and founding Principal of ELOS. His experience includes environmental regulatory compliance and project management. He has managed large-scale, multifaceted projects, including complex transportation infrastructure, disaster recovery and debris removal, and wetland restoration initiatives. His key strengths include wetland delineations, wetland permitting, wetland restoration, National Environmental Policy Act (NEPA) compliance, ASTM Phase I Environmental Site Assessments (ESAs), stormwater management, Federal Energy Regulatory Commission (FERC) overview and guidance, endangered species surveys, and timber and forest management.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                        |                                                     |                                                                                     |           |
| 09/20 - Ongoing<br>Phase 2 Project No. H.014242, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268, H.015685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>LADOTD Rural Bridges, Phases I &amp; II, Statewide, LA:</b> ELOS has been contracted to provide environmental and cultural services for the Louisiana Department of Transportation and Development (LADOTD) Rural Bridge Replacement Initiative projects across six districts. ELOS conducted Section 106 reviews and additional Phase I Cultural Resources Surveys, as needed, for NEPA compliance. ELOS also conducted field investigations to locate wetlands and verify the accuracy of the aerial base mapping. These efforts led to the accurate identification of sensitive areas and to improved project planning. Mr. Watkins ensures compliance with all environmental regulations and facilitates communication among DOTD officials, environmental organizations, and stakeholders to maintain project transparency.</p>                                                                                    |                                                                                                                                                                        |                                                     |                                                                                     |           |
| 09/22 - Ongoing<br>H.015429, H.015430, H.015431, H.015432, H.015433, H.015434                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p><b>LADOTD IIJA Off-System Bridges District 62, Statewide, LA:</b> This project involves replacing six bridges in several parishes to improve transportation safety and infrastructure. ELOS performed wetland delineations, completed permit applications, solicited views (SOVs) to document a categorical exclusion (CATEX), conducted cultural resources research, prepared tribal packets and reports, and wrote navigability determination reports. Mr. Watkins reviewed all findings before submitting to the Client. All delineations follow the latest U.S. Army Corps of Engineers (USACE) Wetland Delineation Manual. ELOS continues to provide permitting services by preparing applications, coordinating with agencies, and ensuring compliance with state and federal requirements. The project's outcomes will enhance safety, ensure regulatory compliance, and extend the service life of key routes.</p> |                                                                                                                                                                        |                                                     |                                                                                     |           |
| 8/23 - Ongoing<br>H.015547, H.015548, H.015544, H.015549,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>East Baton Rouge IIJA Off-System Bridge Program, East Baton Rouge Parish, LA:</b> ELOS provides environmental services, including SOVs, a CATEX document, Section 106 reviews, permit applications and drawings, and a wetland study and report. The permit application packet explains the project rationale, summarizes details, and describes locations. ELOS generates</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                        |                                                     |                                                                                     |           |

Prime consultant name here

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|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H.015545, H.015550, H.015341, H.015551, H.015552, H.015553 | site plans and coordinates with the USACE to secure a Section 10/404 permit. The project will replace 13 bridges at various sites in East Baton Rouge with slab-span bridges, improving infrastructure and transportation safety across approximately 13 acres. Mr. Watkins oversees the permit process to ensure successful completion and compliance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 08/22 - 08/24                                              | <b>LADOTD Rousseau Bridge Replacement, St. Tammany Parish, LA:</b> ELOS provided environmental services on the 2.62-acre Rousseau Bridge Replacement Project. ELOS delineated wetlands, submitted permit applications, conducted a State Historic Preservation Officer (SHPO) Section 106 desktop review and consultation, and completed an SOV. These efforts obtained the required permits, met regulatory requirements, and secured project compliance. Mr. Watkins oversaw the assessment of potential environmental impacts and ensured that the team submitted high-quality, accurate documentation to regulatory agencies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10/25 - Ongoing                                            | <b>Office of Louisiana Highway Construction - Bridge Projects, Statewide, LA:</b> ELOS is contracted to provide environmental and cultural resource services to support the project engineers in developing plans for the replacement of bridges in Vermilion, Terrebonne, Tangipahoa, St. Tammany, Livingston, and St. Bernard Parishes. Each bridge replacement site measures approximately 0.5 acres, with the total project area encompassing roughly 6 acres. The bridges are situated along both natural and man-made waterways in areas identified by the Louisiana SHPO as having a high probability of containing archaeological sites and unrecorded historic properties. ELOS has provided services required to obtain USACE regulatory permits, including submitting SOVs, wetland delineations, verifying the aerial base mapping, and providing cultural and historic resources evaluations for each bridge. Mr. Watkins has reviewed final deliverables – whether Section 106 desktop review letters or Phase I final reports – to ensure the documentation aligns with the requested scope and to provide overall QA/QC for the project.                                                                                        |
| 06/24 - Ongoing                                            | <b>Move Ascension, Phases 1 - III, Ascension Parish, LA:</b> ELOS is contracted to provide environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts at intersections of local roads with state highways to widening roads, adding turn lanes, adding J-turns, and providing new connector roads. Mr. Watkins has reviewed the final deliverables of wetlands delineations, permit applications, and the final Section 106 reviews and supporting documentation for various projects to ensure their completeness and accuracy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 08/17 - 07/18                                              | <b>Design Build of I-10 from Highland Drive to LA 73, East Baton Rouge and Ascension Parishes, LA:</b> ELOS was contracted to serve as the environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville. The project included widening an approximately six-mile stretch of I-10, a quarter mile west of the I-10 Highland Road interchange, to east of the I-10/LA 73 interchange, from two lanes in each direction to three. This widening also included the expansion of two bridges/overpasses within the roadway segment. In addition to renewing the USACE and Scenic Stream permits, ELOS was responsible for preparing stormwater management, pollution prevention, and impact mitigation plans for all project features, including staging, construction, and permanent areas. ELOS provided environmental compliance permit monitoring, including for cultural resources, endangered species, wetlands, and stormwater management during construction, and modified strategies when the construction activities required flexibility or alternatives to ensure project safety and effectiveness. |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------|------------|
| Firm employed by: <b>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                    |                                                     |  |            |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Christopher Wilson</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                    | Years of relevant experience with this employer     |                                                                                    | <b>2.5</b> |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Archaeologist / Principal Investigator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                    | Years of relevant experience with other employer(s) |                                                                                    | <b>6</b>   |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MA / 2023 / Art History and Curatorial Studies<br>MA / 2022 / Archaeology<br>BA / 2021 / Art and Archaeology                                                                                                                                       |                                                     |                                                                                    |            |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Registered Professional Archaeologist, Secretary of the Interior-Qualified                                                                                                                                                                         |                                                     |                                                                                    |            |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Discipline                                                                                                                                                                                                                                         | 2023                                                |                                                                                    |            |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Project Manager, Quality Control / Quality Assurance, Section 106 Desktop Reviews, Terrestrial and Maritime Archaeology, Phase I, II, and III Cultural Resource Surveys, Evaluations, and Recoveries, Construction Monitoring (MPR No. 2, 3, 4, 5) |                                                     |                                                                                    |            |
| <p>Christopher Wilson is a Registered Professional Archaeologist (RPA) experienced in archaeological management, excavation, and artifact processing. He earned his Master of Arts in Archaeology from Yale University and has worked on excavations in Greece, Poland, Portugal, and the United States. He has extensive Section 106 compliance experience and is adept at National Historic Preservation Act documentation, having contributed to multiple DOTD projects across the state. He also completed the Advisory Council on Historic Preservation's Section 106 training. Mr. Wilson is a certified open-water diver and a U.S. Marine Corps veteran.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                    |                                                     |                                                                                    |            |
| 10/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Office of Louisiana Highway Construction - Bridge Projects, Statewide, LA:</b> ELOS is contracted to provide environmental and cultural resource services to support the project engineers in developing plans for the replacement of bridges in Vermilion, Terrebonne, Tangipahoa, St. Tammany, Livingston, and St. Bernard Parishes. Each bridge replacement site measures approximately 0.5 acres, with the total project area encompassing roughly 6 acres. The bridges are situated along both natural and man-made waterways in areas identified by the Louisiana SHPO as having a high probability of containing archaeological sites and unrecorded historic properties. ELOS has provided services required to obtain USACE regulatory permits, including submitting SOVs, wetland delineations, verifying the aerial base mapping, and providing cultural and historic resources evaluations for each bridge. Mr. Wilson has led ELOS' Department of Cultural Resources in evaluating each bridge in order to submit a pre-construction notification to the district engineer if the proposed activities might have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the NRHP, including previously unidentified properties. |                                                                                                                                                                                                                                                    |                                                     |                                                                                    |            |
| 08/23 - Ongoing<br>Phase 2 Project No. H.014242, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268, H.015685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>LADOTD Rural Bridge Replacement Phases I &amp; II, Statewide, LA:</b> ELOS is contracted to deliver environmental services for the LADOTD Rural Bridge Replacement Initiative in six districts. Mr. Wilson conducted cultural resource management (CRM) and Section 106 reviews for several bridges. One replacement required an additional Phase I Cultural Resources Survey, requiring research, shovel test pit (STP) data, and a final report. He coordinated with SHPO, the National Register of Historic Places (NRHP), and DOTD. Additional tasks included drafting transmittal letters, finalizing Louisiana Historic Resource Inventory (LHRI) forms, administering Survey123, supervising field crews, and submitting the final report. Mr. Wilson ensured all documentation and processes met regulatory standards for cultural resource assessments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    |                                                     |                                                                                    |            |
| 12/23 - Ongoing<br>H.015429, H.015430, H.015431, H.015432,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>LADOTD IJA Off-System Bridges District 62, Statewide, LA:</b> This off-system bridge project is replacing six bridges in Livingston, St Helena, St. John the Baptist, St. Tammany, Tangipahoa, and Washington Parish. Mr. Wilson directed CRM services for the DOTD Off-System Bridges District 62 initiative. He conducted background research, drafted desktop reports, and led field crews. He utilized topographical maps and aerial images for critical data. Mr. Wilson compiled and submitted tribal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                    |                                                     |                                                                                    |            |

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| H.015432, H.015433, H.015434 | packet research and gathered CRM data for CATEX evaluations. He worked with LHRI, DOTD, and SHPO to ensure regulatory compliance. Mr. Wilson prepared a Section 106 desktop report evaluating effects on historic properties and verifying compliance with cultural preservation requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 10/24 - Ongoing              | <b>Brownsitch Road Bridge Replacement, St. Tammany Parish, LA:</b> ELOS is contracted to provide environmental services for the replacement of the bridge and culverts on a site approximately 1.39 acres in size, located on Brownsitch Road in St. Tammany Parish, LA. The project involved removing the existing bridge, constructing a temporary detour road north of the bridge to be replaced, installing temporary culverts under the temporary detour road, a temporary drainage ditch, and constructing a new bridge with box culverts, riprap, pipes, driveways, a catch basin, a road, and a ditch. Mr. Wilson conducted a Section 106 desktop review to assess the impact of the bridge replacement on cultural resources. He reviewed SHPO historic property databases, conducted a cemetery review to pinpoint burial sites, and helped prepare maps and imagery to support the cultural resource assessment. He compiled and authored the Section 106 desktop review, summarized the findings, ensured compliance with historic preservation requirements, and addressed potential cultural impacts within the project area. |
| 11/23 - Ongoing              | <b>N. Brickyard Road Bridge Replacement, Tangipahoa Parish, LA:</b> ELOS has been contracted to provide environmental clearance for the replacement of the North Brickyard Road Bridge. The project includes a CATEX prepared in accordance with Federal Highway Administration (FHWA) guidance, and a wetland study and delineation are also required. Mr. Wilson reviewed the project site to assess the potential effects of the bridge replacement on cultural resources. He verified that no cultural resources were needed, allowing the project to move forward in accordance with regulatory requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 06/24 - Ongoing              | <b>Move Ascension, Phase III, Ascension Parish, LA:</b> ELOS is contracted to provide environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts at intersections of local roads with state highways to widening roads, adding turn lanes, adding J-turns, and providing new connector roads. Mr. Wilson was responsible for conducting a Section 106 desktop review of the Roddy Road area as part of the third phase of the Move Ascension project. This review included identifying potential historic structures by using SHPO databases and files. He also reviewed historic aerial images for structures in the area. He was able to identify, from multiple sources, that there were historical structures. He compiled his findings in the final report.                                                                                                                                                                                                                                      |
| 03/24 - 08/24                | <b>5th Street Improvements - Phase I Historic Structure Survey, Gretna, LA, Archaeologist:</b> ELOS was contracted to conduct a Phase I Historic Structure Resource Survey within a 0.5-mile radius of a 27.5-acre site. The survey scope included data collection, completion of LHRI forms, systematic photography of up to 55 standing structures within the indirect APE along 5th Street in Gretna, LA, documentation of the addresses of all historic structures, and preparation of a comprehensive report. Mr. Wilson collaborated closely with the architectural historian to document existing buildings, identify architectural footprints, and complete LHRI forms for each resource. The buildings were determined not to be eligible for the NRHP; however, they are situated within a district that may be eligible as a Postwar Commercial Strip. Mr. Wilson developed a protocol for labeling and temporary curation of any encountered cultural materials. He recommended proceeding with the project as planned, concluding that no significant cultural resources would be affected.                                    |
| 10/24 - 10/24                | <b>Old Mill Settlement Road, Livingston Parish, LA:</b> Mr. Wilson was responsible for conducting a Section 106 desktop review in support of Livingston Parish Government's proposed road project. His responsibilities included, but were not limited to, working with all applicable state agencies and adhering to the regulations of 36 CFR Part 800. He verified that the site had experienced disturbances due to road construction and that there was a high probability of cultural resources, given the proximity of the Amite River and the previously recorded archaeological sites.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| Firm employed by: <b>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                     |                                                     |  |            |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Julian Blaine</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                     | Years of relevant experience with this employer     |                                                                                     | <b>1.5</b> |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Archaeologist/ Field Crew Manager</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                     | Years of relevant experience with other employer(s) |                                                                                     | <b>6</b>   |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MA / 2024 / Archaeology<br>BA / 2021 / Viking and Old Norse Studies                                                                                                                                                                                 |                                                     |                                                                                     |            |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Registered Professional Archaeologist, Secretary of the Interior-Qualified                                                                                                                                                                          |                                                     |                                                                                     |            |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Discipline                                                                                                                                                                                                                                          | 2024                                                |                                                                                     |            |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Researching, Archeological Site Record Forms, Survey Report, Section 106 Desktop Reviews, Terrestrial and Maritime Archaeology, Phase I, II, and III Cultural Resource Surveys, Evaluations, and Recoveries, Construction Monitoring (MPR No. 2, 4) |                                                     |                                                                                     |            |
| <p>Mr. Blaine is an RPA with expertise in archaeological management, excavation, and artifact analysis. He holds a Master of Arts in Archaeology from Uppsala University and has participated in archaeological fieldwork in Sweden, Finland, Germany, and the United States. Mr. Blaine has specialized experience in terrestrial archaeology, including Section 106 desktop assessments, Phase I surveys, Phase II testing, Phase III data recovery, historic structure assessment, preservation planning, research, and report preparation. His skills include investigating and documenting projects, delivering in-depth site histories to clarify historical context and inform NR eligibility or district integrity. Mr. Blaine is also a U.S. Army veteran.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                     |                                                     |                                                                                     |            |
| 10/24 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Brownsitch Road Bridge Replacement, St. Tammany Parish, LA:</b> ELOS provided environmental services for a bridge and culvert replacement on a 1.39-acre site along Brownsitch Road, St. Tammany Parish, LA. The project involved removing the existing bridge, constructing a temporary detour with culverts and drainage, and installing a new bridge and related infrastructure. Mr. Blaine assisted with conducting a CRM Section 106 desktop review to assess the project's potential impacts on cultural resources. He reviewed SHPO databases of historic properties and conducted a cemetery review to identify burial sites in the area. He also helped prepare maps and aerial images to support the cultural resource assessment. Mr. Blaine assisted with compiling and preparing a Section 106 desktop review report. This included summarizing findings, ensuring compliance with historic preservation requirements, and addressing potential impacts to cultural resources in the project area.</p>                                                                                                                                 |                                                                                                                                                                                                                                                     |                                                     |                                                                                     |            |
| 04/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>DOTD Delta Trail Study, Northeastern Louisiana:</b> ELOS is contracted to provide environmental services in support of the Delta Trail Study, with the objective of analyzing construction alternatives that minimize negative environmental impacts. As part of this effort, ELOS identified and assessed environmental constraints at 25 potential trailhead locations, encompassing approximately 60 acres. These constraints—such as the need for additional consultation or permitting—may delay, alter, or prevent NEPA readiness for the proposed trailheads beyond typical project requirements. To meet regulatory requirements, ELOS provided additional services to prepare documentation necessary for a Categorical Exclusion from the FHWA. Mr. Blaine assisted with conducting an initial review of archaeological resources and proximity to existing structures, NRHP-listed sites, and tribal lands. This cataloging of site information and constraints was designed to ensure that proposed structures align with the LADOTD program objectives, timeline, and budget—and to support NEPA readiness for trail installation.</p> |                                                                                                                                                                                                                                                     |                                                     |                                                                                     |            |
| 10/24 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Old Mill Settlement Road - Section 106 Desktop Review, Livingston Parish, LA:</b> The Livingston Parish Government planned to replace a two-lane road between Mill Settlement Trace and LA Hwy 16 in Port Vincent, Louisiana. They contracted ELOS to perform a wetland delineation, submit a joint permit application (JPA), and conduct a Section 106 desktop review and consultation. The work aimed to mitigate repetitive flooding and involved elevating approximately 11 acres. Mr. Blaine researched cultural resources in the project area, including previous investigations, archaeological sites, cemeteries, and NRHP-</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                     |                                                     |                                                                                     |            |

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|                 | listed structures, using the Louisiana SHPO database. He also analyzed historical aerial imagery and topographical maps to document changes in the area over time. Using this research and the road replacement scope, he helped formulate a recommendation to the Louisiana SHPO for a Phase I Cultural Resource Survey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 07/25 - Ongoing | <b>7238 Highway 75 Phase I Cultural Resources Survey, Ascension Parish, LA:</b> ELOS is contracted by Waggoner Engineering, to provide environmental services and conduct a cultural resource survey for the proposed development of an approximately 79-acre site, including an additional servitude to the river spanning roughly 25.4 acres, located at 7238 Highway 75 in Geismar, LA. As the project is funded through the Water Infrastructure Finance and Innovation Act (WIFIA), a thorough assessment of all areas subject to potential disturbance was required to ensure compliance with NEPA. The survey area encompassed a wooded environment situated near the historic Ashland/Belle-Helene plantation. During the investigation, multiple cultural materials were uncovered through systematic STP excavations. Two archaeological sites—one newly identified and one previously recorded—were evaluated in detail. ELOS conducted and documented STPs, recorded archaeological sites, and led the field crew to designated STP locations. Mr. Blaine coauthored the cultural resource report, contributing to the documentation and assessment of the site's cultural significance. |
| 06/24 - Ongoing | <b>Move Ascension, Phase III, Ascension Parish, LA:</b> ELOS is contracted to provide environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts at intersections of local roads with state highways to widening roads, adding turn lanes, J-turns, and providing new connector roads. ELOS conducted a Section 106 desktop review of the Roddy Road area as part of the third phase of the Move Ascension project. Mr. Blaine identified potential historic structures using SHPO databases and files. He also reviewed historic aerial images for structures in the area. ELOS identified historical structures from multiple sources, compiled them into a report, and sent it to the Client.                                                                                                                                                                                                                                                                                                                                                               |
| 10/24 - 11/24   | <b>LA 22 Gapping, Ascension Parish, LA:</b> ELOS was contracted to collect data, prepare a report for wetland delineation, submit a JPA, conduct a biological survey, coordinate compliance, survey bald eagles, complete a Phase I Environmental Site Assessment (ESA), support mitigation planning, and execute a Section 106 review and Phase I Cultural Resource Survey for the 328-acre LA-22 Gapping Project. For this road project, which includes replacing two bridges, Mr. Blaine reviewed the Section 106 research before the field survey. The Section 106 review site covers about 15.5 acres. Mr. Blaine assisted with the Phase I Cultural Resource Survey by performing augering and shovel tests to identify buried sites. He photographed the project area, wrote the introduction and methodology, and reviewed the entire report before submission to the Client.                                                                                                                                                                                                                                                                                                                |
| 08/25 - Ongoing | <b>Fish Hatchery Road Bridge, St. Tammany Parish, LA:</b> ELOS is contracted to conduct a wetland delineation, a JPA, and a Section 106 review for the Fish Hatchery Road Bridge in St. Tammany Parish. Mr. Blaine led the Section 106 desktop review. After locating several historic properties, four cemeteries, and two investigations, Mr. Blaine recommended that the investigation continue with a survey along Fish Hatchery Road and Bridge at high-probability intervals of 30 meters. ELOS is currently conducting a T&E species Gopher Tortoise Survey with USACE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 09/25 - Ongoing | <b>Meadow Lane over Spillers Creek, Livingston Parish, LA:</b> Mr. Blaine completed the Section 106 desktop review for this bridge replacement project. After locating three investigations, five archaeological sites, and two cemeteries, Mr. Blaine recommended continuing the investigation with a survey at high-probability intervals of 30 meters in the area of potential effect, since that area has never been surveyed, and sites have been discovered along Spillers Creek.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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| Firm employed by: <b>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |                                                     |  |           |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Sarah Knauer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               | Years of relevant experience with this employer     |                                                                                    | <b>1</b>  |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Architectural Historian</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               | Years of relevant experience with other employer(s) |                                                                                    | <b>10</b> |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MA / 2020 / Historic Preservation<br>BA / 2016 / Anthropology |                                                     |                                                                                    |           |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NA                                                            |                                                     |                                                                                    |           |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Discipline                                                    | NA                                                  |                                                                                    |           |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Historic Preservation (MPR No. 2, 3, 5, 6, 7)                 |                                                     |                                                                                    |           |
| <p>Sarah Knauer, MS, brings 10 years of experience in historic preservation and archaeology across the northeastern and southeastern United States. Ms. Knauer has supported historic preservation initiatives by conducting survey planning, fieldwork, and evaluations of historic resources for federal, state, and private Clients. She has successfully prepared NR nominations, including submitting the NR listing for the Hammond High School Gymnasium in Hammond, Louisiana. She has also contributed to surveys of the Lake Charles Historic District and the Hollygrove neighborhood in Orleans Parish, Louisiana. Ms. Knauer has experience with the Historic American Engineering Record (HAER) documentation and photographing practices. She has completed the Advisory Council on Historic Preservation's Section 106 course, and her certificate is included in this package.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |                                                     |                                                                                    |           |
| 10/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p><b>Office of Louisiana Highway Construction - Bridge Projects, Statewide, LA:</b> ELOS is contracted to provide environmental and cultural resource services to support the project engineers in developing plans for the replacement of bridges in Vermilion, Terrebonne, Tangipahoa, St. Tammany, Livingston, and St. Bernard Parishes. Each bridge replacement site measures approximately 0.5 acres, with the total project area encompassing roughly 6 acres. The bridges are situated along both natural and man-made waterways in areas identified by the Louisiana SHPO as having a high probability of containing archaeological sites and unrecorded historic properties. ELOS provided services required to obtain USACE regulatory permits, including submitting SOVs, conducting ground-level investigations of the right-of-way to locate wetlands, verifying the aerial base mapping, and providing cultural and historic resources evaluations for each bridge. Ms. Knauer has assisted in evaluating each bridge and, if the proposed activities might affect any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the NRHP, including previously unidentified properties, submitting a pre-construction notification to the district engineer.</p> |                                                               |                                                     |                                                                                    |           |
| 07/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p><b>7238 Highway 75 Phase I Cultural Resources Survey, Ascension Parish, LA:</b> ELOS was contracted by Waggoner Engineering, Inc. to provide environmental services and conduct a cultural resource survey for the proposed development of an approximately 79-acre site, including an additional servitude to the river spanning roughly 25.4 acres, located at 7238 Highway 75 in Geismar, LA. As the project is funded through the WIFIA, a thorough assessment of all areas subject to potential disturbance was required to ensure compliance with NEPA. The survey area encompassed a wooded environment situated near the historic Ashland/Belle-Helene plantation. During the investigation, multiple cultural materials were uncovered through systematic STP excavations. Two archaeological sites—one newly identified and one previously recorded—were evaluated in detail. ELOS conducted and documented STPs, recorded archaeological sites, and led the field crew to designated STP locations. Ms. Knauer contributed to the cultural resource report and assessment of the site's cultural significance.</p>                                                                                                                                                                                                       |                                                               |                                                     |                                                                                    |           |
| 01/26 - Ongoing<br>H.008069.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>DOTD Peters Road Bridge, Jefferson and Plaquemines Parishes, LA:</b> ELOS performed a Phase I Cultural Resources Survey for Phase 3 of the Peters Road Bridge and Extension in Jefferson and Plaquemines Parishes, Louisiana, covering 97.74 acres. The project plans to build a new bridge across the Gulf Intracoastal Waterway and a 5-mile-long two-lane access road. Ms. Knauer completed the architectural survey within a 150-m APE, identifying resources, documenting historic resources, and</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |                                                     |                                                                                    |           |

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|                 | determining eligibility. The survey recorded 16 new resources, none of which were eligible for the NRHP, including a railroad spur, two bridges, a waterway, and 11 buildings. ELOS found that no significant archaeological resources would be affected, but noted a potential adverse effect on the historic waterway and recommended that managers consult to mitigate this effect. The project should proceed as planned.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 09/25 - Ongoing | <b>Clearwater Drover Millers Canal Bridge Replacement; Livingston Parish, LA:</b> ELOS is contracted to provide environmental and permitting services on an approximate 4-acre site to replace the bridge located on Clearwater Drive over Millers Canal in Livingston Parish, LA. Ms. Knauer has assisted with the Section 106 desktop review, identified all historic resources within the area of potential effect, and determined eligibility for the NRHP. She also assisted with QA/QC of the draft review report and edited it for overall consistency and clarity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2025            | <b>Alabo St. Warf, New Orleans, LA:</b> ELOS was contracted to conduct Section 106 consultations and develop a Historic Structure Resource Survey for Sunrise Foods in connection with their development project in the Lower 9th Ward. The primary objective of the project was to re-evaluate and document the historical significance of the Lower 9th Ward/Holy Cross Historic NR District within the City of New Orleans, as well as the historic commercial corridor along St. Claude Avenue. Ms. Knauer authored the detailed report and personally conducted surveys of approximately 240 historic buildings and structures, encompassing a residential neighborhood and the commercial corridor. This extensive survey aimed to identify and assess cultural resources, providing valuable historical context for the area's ongoing preservation efforts. An LHRI form was completed for each and included a determination of eligibility.                                                                                                                                                           |
| 2025            | <b>Phase I Cultural Resources Survey - Bridge Replacement on SR-20 Over Norfolk Southern Railroad; Morgan County, AL:</b> TerraXplorations Inc. contracted to conduct a cultural resources survey. The survey included background research, archaeological and architectural surveys, and report preparation. The archaeological survey identified one site associated with a historic African American residential block dating from 1860 to 1990. Fifty-eight architectural resources were identified; 15 were newly identified. Seven of the structures appeared to be eligible or listed on the NRHP. Ms. Knauer researched, evaluated, and determined the significance of each historic resource and wrote the architectural history portion of the report.                                                                                                                                                                                                                                                                                                                                               |
| 2024            | <b>Proposed South Boulevard Widening and Bridge Replacement over CSX Transportation Railroad Project; Montgomery County, AL:</b> TerraXplorations Inc. was contracted by TTL of Montgomery to conduct a cultural resources survey. The survey included background research, archaeological and architectural surveys, and report preparation. Twenty-three new architectural resources were identified, and twenty-one were recommended for exclusion from the NRHP. The Northwest and Florida Railroad and the First CME Church were recommended as eligible for NRHP inclusion. Ms. Knauer researched, evaluated, and determined the significance of each historic resource, and wrote the report's architectural history results section.                                                                                                                                                                                                                                                                                                                                                                   |
| 2024            | <b>Tara Blvd/US 41 Widening, Jonesboro, GA:</b> TerraXplorations Inc. was subcontracted by Kimley-Horn to conduct the Georgia Department of Transportation (GADOT) historic resource survey for the 14-mile widening of Tara Boulevard/US 41 in Jonesboro, Georgia. Parcels adjacent to the project area were evaluated to determine if any historic-aged resources were present. In instances where a historic resource was identified, the entire parcel's contents, including land, buildings, outbuildings, and structures, were photographed, meticulously described, and analyzed to identify historic and non-historic material elements. Additionally, a comprehensive development history was constructed for each parcel, from the earliest available historical aerial photograph to the present day, documenting changes over time. This information was compiled within Property Information Forms (PIFs). Ms. Knauer was responsible for identifying, researching, documenting, and compiling 100 of the 200 PIF drafted for this project. Ms. Knauer was also responsible for sending the SOVs. |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------|----------|------------------------------------------------------------------------------------|
| Firm employed by: <b>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                     |          |  |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Jacob O'Neal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              | Years of relevant experience with this employer     | <b>1</b> |                                                                                    |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Archaeologist Field Technician</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              | Years of relevant experience with other employer(s) | <b>1</b> |                                                                                    |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BA / 2024 / Anthropology     |                                                     |          |                                                                                    |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                     |          |                                                                                    |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Discipline                   | NA                                                  |          |                                                                                    |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Field Technician (MPR No. 3) |                                                     |          |                                                                                    |
| <p>Jacob O'Neal recently earned his degree in Anthropology/Archaeology from the University of Southern Mississippi. Before joining ELOS, Jacob collaborated with several firms, contributing to detailed, well-documented field surveys across Georgia, Mississippi, Texas, Louisiana, and Virginia. He is committed to professional development and has already completed the Advisory Council on Historic Preservation's Section 106 course—his certificate is included with this submission. Jacob's diverse project experience and dedication to best practices make him a valuable addition to the ELOS team.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                     |          |                                                                                    |
| 10/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b>Office of Louisiana Highway Construction - Bridge Projects, Statewide, LA:</b> ELOS was contracted to provide environmental and cultural resource services to support the project engineers in developing plans for the replacement of bridges in Vermilion, Terrebonne, Tangipahoa, St. Tammany, Livingston, and St. Bernard Parishes. Each bridge replacement site measures approximately 0.5 acres, with the total project area encompassing roughly 6 acres. The bridges are situated along both natural and man-made waterways in areas identified by the Louisiana SHPO as having a high probability of containing archaeological sites and unrecorded historic properties. ELOS provided services required to obtain USACE regulatory permits, including submitting SOVs, conducting ground-level investigations of the right-of-way to locate wetlands, verifying the aerial base mapping, and providing cultural and historic resources evaluations for each bridge. Mr. O'Neal assisted in evaluating each bridge to submit a pre-construction notification to the district engineer if the proposed activities might affect any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the NRHP, including previously unidentified properties.</p> |                              |                                                     |          |                                                                                    |
| 04/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b>DOTD Delta Trail, Concordia, Tensas, Madison, and East Carroll Parishes, LA:</b> ELOS is contracted to provide environmental services in support of the Delta Trail Study, with the objective of analyzing construction alternatives that minimize negative environmental impacts. As part of this effort, ELOS identified and assessed environmental constraints at 25 potential trailhead locations, encompassing approximately 60 acres. These constraints—such as the need for additional consultation or permitting—may delay, alter, or prevent NEPA readiness for the proposed trailheads beyond typical project requirements. To meet regulatory requirements, ELOS provided additional services to prepare documentation necessary for a Categorical Exclusion from the FHWA. Mr. O'Neal assisted with conducting an initial review of archaeological resources and proximity to existing structures, NRHP-listed sites, and tribal lands. This cataloging of site information and constraints was designed to ensure that proposed structures align with the LADOTD program objectives, timeline, and budget—and to support NEPA readiness for trail installation.</p>                                                                                                                                       |                              |                                                     |          |                                                                                    |
| 2/25 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>7238 Highway 75 Phase I Cultural Resources Survey, Ascension Parish, LA:</b> ELOS is contracted by Waggoner Engineering, to provide environmental services and conduct a cultural resource survey for the proposed development of an approximately 79-acre site, including an additional servitude to the river spanning roughly 25.4 acres, located at 7238 Highway 75 in Geismar, LA. As the project is funded through the WIFIA, a thorough assessment of all areas subject to potential disturbance was required to ensure compliance with NEPA. The survey area encompassed a wooded environment situated near the historic Ashland/Belle-</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |                                                     |          |                                                                                    |

Prime consultant name here

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | Helene plantation. During the investigation, multiple cultural materials were uncovered through systematic STP excavations. Two archaeological sites—one newly identified and one previously recorded—were evaluated in detail. Mr. O’Neal played a key role in the project, conducting and meticulously documenting STPs, recording archaeological sites, and leading the field crew to designated STP locations. He also served as a coauthor of the cultural resource report, contributing to the documentation and assessment of the site’s cultural significance.                                                                                                                                                                                                                                                                                                                                                               |
| 08/25 - Ongoing               | <b>Fish Hatchery Road Bridge, St. Tammany Parish, LA:</b> ELOS is contracted to conduct a wetland delineation, a JPA, and a Section 106 review for the Fish Hatchery Road Bridge in St. Tammany Parish. ELOS Mr. O’Neal assisted with completing research and writing a report for the Section 106 desktop review. After locating several historic properties, four cemeteries, and two investigations, ELOS recommended that the investigation continue with a survey along Fish Hatchery Road and Bridge at high-probability intervals of 30 meters. ELOS is currently conducting a T&E species Gopher Tortoise Survey with USACE.                                                                                                                                                                                                                                                                                                 |
| 01/26 - Ongoing<br>H.008069.5 | <b>DOTD Peters Road Bridge, Jefferson and Plaquemines Parishes, LA:</b> ELOS performed a Phase I Cultural Resources Survey for Phase 3 of the Peters Road Bridge and Extension in Jefferson and Plaquemines Parishes, Louisiana, covering 97.74 acres. The project plans to build a new bridge across the Gulf Intracoastal Waterway and a 5-mile-long two-lane access road. Mr. O’Neal assisted in conducting a Phase I Survey and excavating 233 STPs at 30 m high-probability intervals. He also assisted with the background research and coauthored the final report. All excavated tests were negative for cultural resources. ELOS found that no significant archaeological resources would be affected, but noted a potential adverse effect on the historic waterway and recommended that managers consult to mitigate. The project should proceed as planned.                                                              |
| 2025                          | <b>Alabo St. Warf, New Orleans, LA:</b> ELOS was contracted to conduct Section 106 consultations and develop a Historic Structure Resource Survey for Sunrise Foods in connection with their development project in the Lower 9th Ward. The primary objective of the project was to re-evaluate and document the historical significance of the Lower 9th Ward/Holy Cross Historic NR District within the City of New Orleans, as well as the historic commercial corridor along St. Claude Avenue. Mr. O’Neal assisted the architectural historian with the final survey of approximately 240 historic buildings and structures, updating the LHRI forms, and drafting the field report. This extensive survey aimed to identify and assess cultural resources, providing valuable historical context for the area's ongoing preservation efforts. An LHRI form was completed for each and included a determination of eligibility. |
| 2025                          | <b>Orphan Wells Consulting Services Cultural Resource, Tangipahoa Parish, LA:</b> ELOS was contracted to provide archaeological monitoring for the Louisiana Wells Plug and Abandon project. ELOS SOI-qualified archaeologist monitored all activities in real time, in collaboration with construction and clearing crews, to pause work and ensure that any unexpected discoveries are promptly assessed and appropriately managed. The archaeologist monitored the project site to ensure compliance with cultural resource laws and regulations, thereby preserving historical integrity and facilitating the documentation and interpretation of archaeological findings that contribute to our understanding of past human activities and environments. Mr. O’Neal was responsible for conducting the background research on the well sites and assisting with the final report.                                               |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                     |                                                                                    |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------|------------------------------------------------------------------------------------|-----------|
| Firm employed by: <b>ELOS Environmental, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                     |  |           |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>JJ Pearsall</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       | Years of relevant experience with this employer     |                                                                                    | <b>2</b>  |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>GIS Manager</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       | Years of relevant experience with other employer(s) |                                                                                    | <b>18</b> |
| Degree(s) / Years / Specialization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BA / 2004 / Geography |                                                     |                                                                                    |           |
| Active registration number / state / expiration date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                     |                                                                                    |           |
| Year registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Discipline            | N/A                                                 |                                                                                    |           |
| Contract role(s) / brief description of responsibilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GIS                   |                                                     |                                                                                    |           |
| <p>JJ Pearsall leads the ELOS team of GIS Specialists and Analysts and oversees all GIS projects. Mr. Pearsall's past experience includes maintaining city asset data (including roads, bridges, drainage), inputting disaster data for major weather events, and creating public maps for the City of Myrtle Beach. He also updated easement files and entered map data into the GIS for the North Charleston Sewer District, and worked with parcel data and property tax maps at the Bureau of Research and Information Services in Rensselaer County, New York.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                     |                                                                                    |           |
| 06/24 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Move Ascension, Phase III, Ascension Parish, LA:</b> ELOS is contracted to provide environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts at intersections of local roads with state highways to widening roads, adding turn lanes, J-turns, and providing new connector roads. ELOS' services have included assessing feasibility options, conducting wetland delineations, completing a Section 106 desktop review of Roddy Road, completing CATEXs, and submitting permit applications to state and federal agencies, depending on the scope of the project. Mr. Pearsall led the GIS team, ensuring figures, waterways, and wetland outlines were accurate. He also compiled shapefiles into a Geodatabase for USACE and created site outlines from AutoCAD drawings.</p> |                       |                                                     |                                                                                    |           |
| 2/22 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>LA 22 Gapping, Ascension Parish, LA:</b> ELOS is contracted to collect data, prepare a report for wetland delineation, submit a JPA, conduct a biological survey, coordinate compliance, survey bald eagles, complete a Phase I ESA, support mitigation planning, and execute Section 106 review for the 328-acre LA-22 Gapping Project. For this road project, which includes replacing two bridges, Mr. Pearsall has created maps and figures showing cultural resources, wetland boundaries, nesting areas, data points, and key site features for the JPA package to aid regulatory review and agency coordination.</p>                                                                                                                                                                                                                                                                                             |                       |                                                     |                                                                                    |           |
| 4/24 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>DOTD LA 3127 Widening; St. James Parish, LA:</b> ELOS has been contracted to perform a wetland delineation and submit a JPA for a 128-acre tract of land located along LA-3127 in Vacherie, LA. The project involves the proposed widening of the existing roadway, which requires an assessment of potential impacts to wetlands and other jurisdictional waters within the project corridor. ELOS conducted a wetland delineation in accordance with USACE protocols, identifying and mapping the boundaries of all wetlands within the project area. Mr. Pearsall, ELOS' GIS Manager, developed figures and maps that clearly illustrate the delineated wetland boundaries, cultural resources, habitats, data point locations, and relevant site features. These figures were prepared for inclusion in the JPA submittal package to support regulatory review and facilitate agency coordination.</p>              |                       |                                                     |                                                                                    |           |
| 5/24 - Ongoing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>Livingston Parish Government Dept of Public Works - GIS General Services; Livingston Parish, LA:</b> ELOS was contracted to develop and enhance Livingston Parish's Department of Public Works GIS database. The scope of work included efficiently managing shapefiles and CAD files to maintain data integrity and facilitate seamless access to crucial geographical information; organizing and managing the geodatabase; and ensuring data is stored optimally for user accessibility and future scalability. Additionally, Mr. Pearsall provided GIS tutorials and technical support to the LPG Department of Public Works team, enabling them to use GIS tools effectively.</p>                                                                                                                                                                                                                                  |                       |                                                     |                                                                                    |           |

**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.

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

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

\*\*This field cannot be left blank and N/A is not acceptable.

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

~~~Copy these disciplines exactly as they are listed above.~~~

\*\*\* Consultants have the flexibility to determine what a project is, though **still limited to one project per sheet**. For example, an IDIQ or other retainer-type contract can be considered a project for the purpose of this section.

|                                         |                                                                                       |                                                               |                                          |
|-----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------|
| Firm name                               | ELOS Environmental, LLC                                                               | Discipline(s)*                                                | Environmental                            |
| Project name                            | Office of Louisiana Highway Construction - Bridge Projects                            | Firm responsibility (prime or sub?)                           | Sub                                      |
| Project number                          | N/A                                                                                   | Owner's name                                                  | Office of Louisiana Highway Construction |
| Project location                        | Vermilion, Terrebonne, Livingston, and St. Bernard Parishes, LA                       | Owner's Project Manager                                       | Archie Chaisson, Executive Director      |
| Owner's address, phone, email           | 1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1513; Archie.Chaisson@la.gov |                                                               |                                          |
| Services commenced by this firm (mm/yy) | 10/25                                                                                 | Total consultant contract cost (\$1,000's)                    | Unknown                                  |
| Services completed by this firm (mm/yy) | 03/26 (Ongoing)                                                                       | Cost of consultant services provided by this firm (\$1,000's) | \$74                                     |



ELOS is contracted to provide environmental and cultural resource services to support the project engineers in developing plans for the replacement of 12 bridges in Vermilion, Terrebonne, Livingston, and St. Bernard Parishes. Each bridge replacement site measures approximately 0.5 acres, with the total project area encompassing roughly 6 acres. The bridges are situated along both natural and man-made waterways in areas identified by the Louisiana SHPO as having a high probability of containing archaeological sites and unrecorded historic properties.

As part of this contract, ELOS provided services required to obtain regulatory permits, including submitting a SOVs, conducting ground-level investigations of the right-of-way to locate wetlands, verifying the aerial base mapping, and

providing cultural and historic resources evaluations for each bridge. ELOS has prepared all necessary permit sketches for submittal of the permit application to obtain a USACE permit. ELOS' Department of Cultural Resources evaluated each bridge in order to submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the NRHP, including previously unidentified properties. The cultural services included a Section 106 desktop review and, when needed, additional Phase I Cultural Resources Surveys and Historic Structure Surveys, conducted in concurrence with SHPO after reviewing the results of the Section 106 desktop review and documentation.

**Personnel Assigned:** Lucas Watkins, Jay Prather, Jacob O'Neal, Basile Dadar, Christopher Wilson, Sarah Knauer, and Julian Blaine.

|                                         |                                                      |                                                                             |                                                               |                         |                                     |             |
|-----------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-------------------------------------|-------------|
| Firm name                               | ELOS Environmental, LLC                              |                                                                             | Discipline(s)*                                                |                         | Environmental                       |             |
| Project name                            | LADOTD Rural Bridges: Phases I & II                  |                                                                             |                                                               |                         | Firm responsibility (prime or sub?) | Sub         |
| Project number                          | Multiple H No.                                       | Owner's name                                                                | LA DOTD                                                       |                         |                                     |             |
| Project location                        | Statewide, LA (Districts 3, 5, 7, 8, 58, 61, and 62) |                                                                             |                                                               | Owner's Project Manager |                                     | Brian Allen |
| Owner's address, phone, email           |                                                      | 1201 Capitol Access Road, Baton Rouge, LA, 225-379-1840, brian.allen@la.gov |                                                               |                         |                                     |             |
| Services commenced by this firm (mm/yy) |                                                      | 08/20                                                                       | Total consultant contract cost (\$1,000's)                    |                         |                                     | Unknown     |
| Services completed by this firm (mm/yy) |                                                      | Ongoing                                                                     | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$541.8     |



ELOS was contracted to deliver environmental consulting services for two phases of the LADOTD Rural Bridge Replacement Initiative. Phase I covered bridge replacements across 16 state project numbers and supplemental task orders, resulting in the successful replacement or improvement of 33 structures in Districts 03, 07, 61, and 62. Phase II is ongoing, encompassing bridge replacements under nine state project numbers and supplemental task orders, targeting upgrades to multiple structures in Districts 05, 08, and 58. Project outcomes include completing wetland delineations, approving permit applications, and successfully completing cultural resource and T&E species surveys. ELOS also contributed in the early planning stages by identifying and addressing potential adverse economic, social, or

environmental effects or concerns.

**Project Numbers:** H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997 (Phase 1) and H.014242, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268, H.015685

ELOS conducted all environmental services in compliance with FHWA standards, resulting in timely permit approvals and regulatory clearances for the project. Permitting was coordinated with federal and state agencies, including submitting JPAs to the USACE and the LDCE Office of Coastal Management, obtaining Scenic Rivers permits through the USFWS, and completing cultural resource surveys with the Louisiana SHPO, ensuring uninterrupted progress. ELOS analyzed data, authored a Phase I report, and administered STP data, supporting project milestones. The team collaborated with agencies such as the SHPO, NRHP, and DOTD to finalize LHRI forms, manage the Survey123 platform, supervise field crews, and prepare and submit the final report, facilitating seamless project delivery. ELOS ensured all documentation and procedures were fully aligned with regulatory requirements for cultural resource evaluations, enabling successful project compliance and advancement.

**Personnel Assigned:** Lucas Watkins, Jay Prather, Brittany Berthelot, Brian Fortson, Cory Ricks, Hunter Perrilloux, Basile Dardar, Savannah Watkins, Sunny Brogan, Rick Henry, Conner Myers, Christopher Wilson, and Mike Hill.

|                                         |                                                                              |                                                               |                     |
|-----------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
| Firm name                               | ELOS Environmental, LLC                                                      | Discipline(s)*                                                | Environmental       |
| Project name                            | DOTD IIJA Off System Bridges District 62                                     | Firm responsibility (prime or sub?)                           | Sub                 |
| Project number                          | Multiple H. No.                                                              | Owner's name                                                  | DOTD                |
| Project location                        | Tangipahoa Parish, LA                                                        | Owner's Project Manager                                       | Greg Sepeda (Sigma) |
| Owner's address, phone, email           | 10305 Airline Hwy, Baton Rouge, LA 70816; (225)810-3100; gsepeda@sigmacg.com |                                                               |                     |
| Services commenced by this firm (mm/yy) | 9/22                                                                         | Total consultant contract cost (\$1,000's)                    | \$129               |
| Services completed by this firm (mm/yy) | Ongoing                                                                      | Cost of consultant services provided by this firm (\$1,000's) | \$127               |



The Off-System Bridge Program, established under the Infrastructure Investment and Jobs Act (IIJA), is a key federal initiative designed to improve bridges not located on the federal-aid highway system. The program addresses the needs of local and rural bridges, which often fall outside the primary focus of traditional federal bridge programs. The program is managed at the state level and is funded with \$264 million specifically for the repair, replacement, or rehabilitation of bridges. The funds were based on priorities and the bridges' overall condition.

**Project Numbers:** H.015429, H.015430, H.015431, H.015432, H.015432, H.015433, and H.015434

ELOS holds a contract with the DOTD IIJA Off-System Bridge Program. The program's objective is to replace as many structurally deficient, off-system bridges as possible by screening all eligible structures and creating a Preliminary Screening Matrix/Spreadsheet. ELOS conducted detailed technical and environmental studies and prepared the required environmental documentation for FHWA review, in accordance with NEPA, FHWA Technical Advisory 6640.8a, and relevant statutes and regulations. ELOS's services include environmental consulting on regulatory compliance, NEPA assessments to minimize environmental impacts, and coordination with federal, state, and local agencies.

Additional services include preparing Section 106 tribal consultation packets to evaluate impacts on historical properties and ensure the project meets cultural resource preservation standards. ELOS completed background research, produced desktop reports, and supervised field crews. The team used topographical maps and aerial surveys to collect essential data. ELOS compiled and submitted tribal research packets and gathered CRM details necessary for CATEX evaluations. The team also worked with agencies, including LHRI, DOTD, and SHPO, to achieve regulatory compliance.

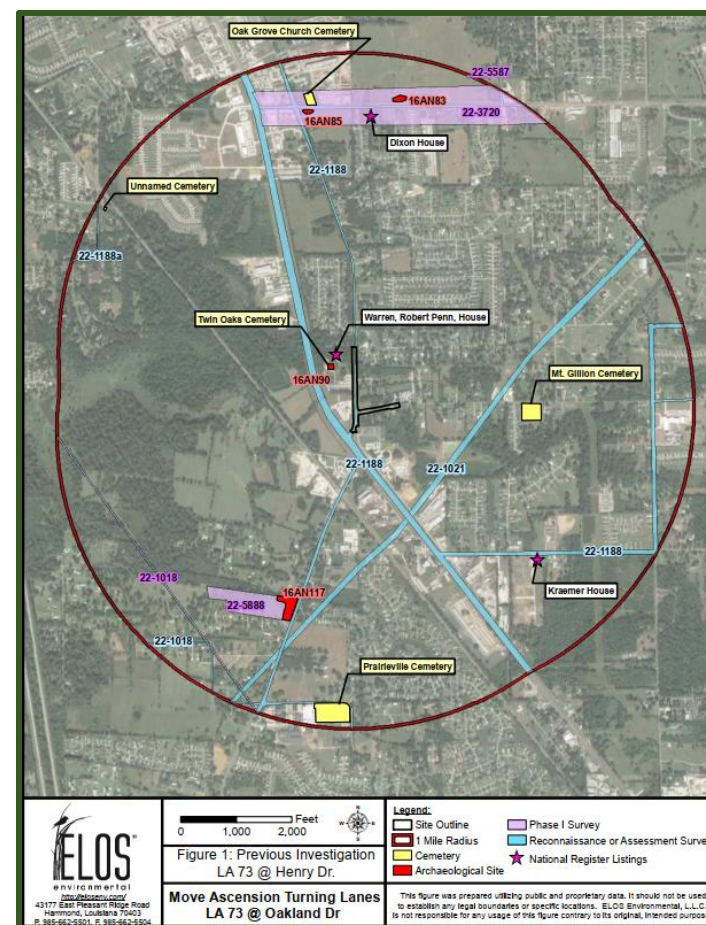
**Personnel Assigned:** Lucas Watkins, Jay Prather, Brittany Berthelot, Basile Dardar, Caroline Simmons, Sunny Brogan, Bradley Comeaux, Conner Myers, Timothy Soileau, Brian Fortson, Cory Ricks, Mike Hill, and Christopher Wilson.

|                                         |                                       |                                                                                   |                                                               |                         |                                     |                                  |
|-----------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-------------------------------------|----------------------------------|
| Firm name                               | ELOS Environmental, LLC               |                                                                                   | Discipline(s)*                                                |                         | Environmental                       |                                  |
| Project name                            | Move Ascension, Phases I, II, and III |                                                                                   |                                                               |                         | Firm responsibility (prime or sub?) | Sub                              |
| Project number                          | Multiple H. No.                       | Owner's name                                                                      | Ascension Parish Government                                   |                         |                                     |                                  |
| Project location                        | Ascension Parish, LA                  |                                                                                   |                                                               | Owner's Project Manager |                                     | Dusty Bastion (HNTB Corporation) |
| Owner's address, phone, email           |                                       | 450 Laurel St., Ste. 1200, Baton Rouge, LA 70801; 225-368-2800; dbastion@hntb.com |                                                               |                         |                                     |                                  |
| Services commenced by this firm (mm/yy) |                                       | 10/27                                                                             | Total consultant contract cost (\$1,000's)                    |                         |                                     | Unknown                          |
| Services completed by this firm (mm/yy) |                                       | Ongoing                                                                           | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$1,417                          |

ELOS is contracted to provide environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts where local roads intersect with state highways to widening roads, adding turn lanes, adding J-turns, and providing new connector roads. ELOS' services have included assessing feasibility options, conducting wetland delineations, completing cultural resource evaluations, completing Categorical Exclusions, and submitting permit applications to state and federal agencies, depending on the scope of the specific project.

Cultural Resource Evaluations have been based on property surveys, preliminary design drawings, and any other information required during the application process, so that ELOS can determine whether additional cultural resource investigations are needed within the area of potential effect (APE) for each project. The evaluation begins with a Section 106 desktop review of the APE. After consultation, SHPO concluded that potential cultural resources are likely, and the ELOS team then conducted a Phase I Cultural Resources Survey and drafted a final report. Wetland delineations have been performed to collect the information needed to establish an opinion on the presence and potential extent of jurisdictional "wetlands" and/or "other waters of the United States" to then move forward with permit applications to USACE and possibly the LDENR. Permitting services have been based on property surveys, preliminary design drawings, and a listing of the names and addresses of all landowners and adjacent property owners for submitting applications to the USACE.

**Personnel Assigned:** Lucas Watkins, Jay Prather, Brittany Berthelot, Basile Dardar, Christopher Wilson, Jacob O'Neal, Julianne Blaine, and Sarah Knauer.



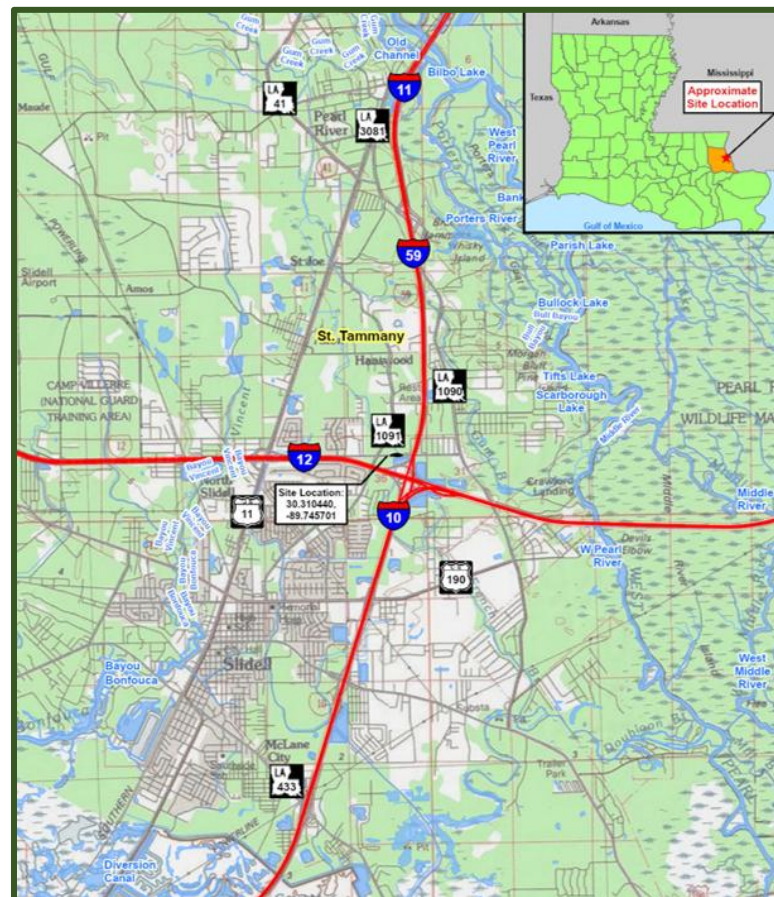
|                                         |                                     |                                                                                     |                                                               |                         |                                     |                                                           |
|-----------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-------------------------------------|-----------------------------------------------------------|
| Firm name                               | ELOS Environmental, LLC             |                                                                                     | Discipline(s)*                                                |                         | Environmental                       |                                                           |
| Project name                            | Brownswitch Road Bridge Replacement |                                                                                     |                                                               |                         | Firm responsibility (prime or sub?) | Sub                                                       |
| Project number                          | N/A                                 | Owner's name                                                                        | DOTD and Crescent Engineering & Mapping                       |                         |                                     |                                                           |
| Project location                        | St. Tammany Parish, LA              |                                                                                     |                                                               | Owner's Project Manager |                                     | Dennis M. Hymel, Jr., PE (Crescent Engineering & Mapping) |
| Owner's address, phone, email           |                                     | 315 E. Second St. Thibodaux, LA 70301; 225-329-1742; Dennis.Hymel@crescentengla.com |                                                               |                         |                                     |                                                           |
| Services commenced by this firm (mm/yy) |                                     | 10/24                                                                               | Total consultant contract cost (\$1,000's)                    |                         |                                     | Unknown                                                   |
| Services completed by this firm (mm/yy) |                                     | Ongoing                                                                             | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     | \$3.1                                                     |

ELOS provided environmental services for a bridge and culvert replacement project on a 1.39-acre site along Brownswitch Road, St. Tammany Parish, LA. The project included removing the existing bridge, constructing a temporary detour with culverts and drainage, and installing a new bridge with related infrastructure.

As part of Section 106 compliance, ELOS completed in-depth historical research and a background review, including examining historical maps, aerial photos, and the Louisiana SHPO's online records. ELOS reviewed all documented cultural resource surveys, archaeological sites, and historic structures within a one-mile radius. This work identified four prior cultural investigations, one archaeological site, one cemetery, 12 historic properties on the LHRI, and no NRHP-listed structures within a mile. None of the prior investigations included the current project site.

ELOS prepared the Section 106 desktop review, which summarized research findings, ensured compliance with historic preservation requirements, and addressed potential cultural impacts of the proposed project.

**Personnel Assigned:** Lucas Watkins, Jay Prather, Brittany Berthelot, Christopher Wilson, and Julian Blaine.



**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.**

**Task: Section 106 Desktop Review and Consultation**

In accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966 (54 U.S.C. §306108), federal agencies or their designees are required to take into account the potential impacts of proposed actions and decisions of any permitted project involving historic properties or any cultural resources that are listed on, or eligible for listing on the NRHP. Section 106 review must be completed before spending federal funds or issuing a federal permit or license for the proposed undertaking. To facilitate compliance with this requirement, ELOS will provide the following services.

*Section 106 Desktop Review:* ELOS will conduct background research, including searching the LDOA and NRHP online maps and databases, historic topographic maps and aerial photographs, and other relevant public records. The purpose of this search is to identify previously conducted cultural resource surveys, previously identified cultural resources (including archaeological sites, historic structures, cemeteries, landmarks, and districts), and any unrecorded historic structures located within the APE of the proposed undertaking. Background research will also allow ELOS cultural resource professionals to assess the environment and physical setting of the subject property to determine the likelihood of unrecorded cultural resources present within the APE of the proposed undertaking.

*Section 106 Desktop Letter of Findings:* ELOS will prepare and submit a Section 106 Desktop Review Letter of Findings to initiate consultation with the Louisiana SHPO and any relevant federal agencies. This consultation will allow ELOS to establish an APE, determine whether cultural resource investigations are necessary, and determine their extent. SHPO will also identify any federally recognized Native American tribes with ancestral ties to the proposed project area to guide consultation requirements of Section 106.

*\*Note: ELOS will coordinate with the DOTD Environmental Section prior to initiating consultation with SHPO regarding the proposed scope of work to discuss the findings of the background research and determine the necessity and degree of cultural resource investigations required.*

### **Task: Phase I Cultural Resource Survey**

ELOS will notify the Environmental Project Manager when the fieldwork begins and ends. ELOS will coordinate the work schedule with the DOTD and will be permitted to work a non-traditional work schedule that may include extended deployments, weekend and holiday work, and staff rotations. The team will also provide the Environmental Project Manager with a bi-weekly report of the team's progress in the fieldwork. ELOS will contact Louisiana One Call to mark any buried utilities, pipelines, cables, etc., within the direct APE prior to initiating ground disturbance.

A Phase I Cultural Resource Survey will be conducted by ELOS' Registered Professional Archaeologists in accordance with the LDOA 2021 guidelines. The sites will be mapped and delineated with subsurface testing. Sampling techniques that may be employed include pedestrian surveys, shovel testing, hand augering, or mechanical trenching. Specific methods, test numbers, and test frequencies will be established through consultation with the SHPO during the development of the scope of work. Should SHPO determine that the area has a high probability, ELOS will coordinate with DOTD to adjust the scope.

Systematic shovel and/or auger testing will be completed throughout the project area where possible. The excavated soil matrix will then be photographed and examined in the field to record soil colors and textures, and screened through 0.64 cm (0.25 in) hardware cloth. Extremely wet soils and clay will be hand-sifted, troweled, and visually examined for cultural material. Each shovel test will be excavated to a depth of 50 cm or until water inundation occurs, whichever comes first. Munsell® Soil Color Charts will be used to record soil color; soil texture and other identifiable characteristics will be recorded using standard soils nomenclature. All shovel tests will be backfilled immediately after inspection.

If artifacts are recovered in shovel tests, ELOS will delineate up to eight positive shovel tests by excavating additional shovel tests every 10 meters in each cardinal direction until two negative shovel tests are reached, in accordance with SHPO delineation guidelines. The purpose of the additional tests is to provide a clear determination regarding an isolated discovery that could prevent further investigation and remobilization through a Phase II Survey. Should any additional shovel tests be required outside of the current scope, ELOS will coordinate with the DOTD to adjust the scope as needed.

ELOS will obtain the names, addresses, and contact information from the associated parish's assessor's office for the last known resident or nonresident landowners from whom additional right-of-way will be required for the purpose of contacting landowners prior to entering their property for field visits. ELOS will request landowner permission to conduct the cultural resource survey and written consent to remove, analyze, and curate artifacts. The DOTD will provide ELOS with knowledge of any rumored, suspected, or unrecorded cultural resources and/or historical events that are known to the DOTD to be on, adjacent to, or relevant to the project.

*\*Note: There could be delays that are the result of circumstances beyond the control of ELOS. These include, but are not limited to: severe weather, national emergencies, delays in receiving Client-supplied materials or actions, project area access restrictions, animal nesting, breeding, or migration seasons, commercial carrier travel delays or cancellations, delays resulting from civil surveys, or government shutdowns.*

*ELOS will make every effort to complete the archaeological fieldwork within the timeframe required by each task order (TO). Any delays in progress that would affect the project's completion within the allotted time will be documented in writing and provided to DOTD. Depending on the scope of services for the TO, the contract time may vary within a reasonable, negotiated timeframe, generally not to exceed 160 calendar days.*

Prime consultant name here

### **Task: Remote Sensing Survey**

When shovel testing is not appropriate or sufficient for collecting subsurface data, remote sensing may be required. These contexts include, but are not limited to, deep alluvial deposits, buried features and foundations, unmarked burials, mound complexes, or areas of dense vegetation. In these cases, access to remote sensing equipment such as ground-penetrating radar (GPR), magnetometry, UAV-based lidar and imagery, canine search, etc., may be necessary. Use of such equipment will be agreed upon by both SHPO and DOTD prior to the survey.

### **Task: Data Recovery**

A scope of service and compensation for data recovery will be established upon satisfactory completion of the Cultural Resources Survey report and upon DOTD's determination of the need for additional services. Data recovery may be required at archaeological sites not previously examined under services for this contract. Prior to conducting the data recovery, ELOS will submit a data recovery plan. Five (5) copies of the plan will be submitted to DOTD within two (2) weeks of the issuance of the notice to proceed (this may vary depending on the site). After review by both DOTD and the SHPO (and possibly a Tribal Historic Preservation Officer [THPO]), the ELOS will take one (1) week to incorporate recommended changes and resubmit the plan for review. After DOTD and the SHPO (and possibly THPO) have accepted the final data recovery plan, ELOS will begin fieldwork.

Documentation (management summary, site/structure forms, report, etc.) and notification (fieldwork start dates, etc.) requirements will be the same as described above. All reports and fieldwork will meet the standards of the Louisiana Department of Culture, Recreation and Tourism, Divisions of Archaeology and Historic Preservation.

### **Task: Phase I Historic Structure Resource Survey**

A Phase I Historic Structure Resource Survey will be conducted by a SOI-qualified architectural historian consistent with LDOA 2021 guidelines. The architectural historian may perform one on-site visit to gather data and accurately document the existing buildings. This includes gathering surveys into a database, identifying the architectural footprint, and completing LHRI forms for each identified resource, which will be submitted to the SHPO.

All standing structures, objects, etc., (including bridges, cemeteries, churches, and landscapes) fifty years or older will be evaluated to determine their eligibility for the NRHP. Documentation of structures will have a one-year buffer, considering the longevity of project planning. Photographs and brief descriptive data, including accurate locational information and an actual or estimated date of construction, along with the basis for the date of the construction, will be required for each structure evaluated. DOTD will determine whether this task is to be performed separately or in conjunction with the Cultural Resources Survey. Information on all structures will be populated into the spreadsheet format provided by the Louisiana SHPO, which will then be submitted to the Division of Historic Preservation with the request for Standing Structure Numbers. All Standing Structure forms will be typed, completed—including Standing Structure Number—and submitted in hard copy and searchable PDF version.

### **Task: Phase I Cultural Resource Assessment Report**

Within ten (10) days after completion of the fieldwork, two (2) copies of the typed site record form/site record update form (with a Management Summary, if required for the project) and a PDF version will be forwarded to the Environmental Project Manager. If a site does not appear to be eligible for the NRHP, a statement to this effect, along with supporting reasons, will be included in the Management Summary and/or the Draft Cultural Resources Survey Report. Any diagnostic artifacts will be illustrated within the report.

The reports will be prepared in a publishable format in accordance with current organizational and illustrative standards of professional archaeological, architectural, and historical journals. Reports will follow the most current standards of the Louisiana Division of Archaeology and Historic Preservation. The reports will be typed, single-spaced, on letter-size, 8.5 x 11-inch white bond paper. All pages will be numbered, and no handwritten parts will be accepted. ELOS will not print staff names on any page of the text. Photographs, plans, maps, drawings, and text will be clear and clean with typed or mechanically lettered captions. Archaeological site forms and standing structure forms will be typed and submitted in hard copy and PDF format.

All reports produced or resulting from these investigations will become the property of DOTD, and no portions of the reports will be released to any outside party or otherwise published in any form without prior written consent of DOTD. This includes conclusions, recommendations, drawings, renderings, perspectives, sketches, photographs, specifications, cost estimates, and other information collected during the project.

*Draft Report:* ELOS will prepare a draft report presenting the information from background research and the field investigation results. The draft report, along with any applicable shapefiles of survey and site boundaries, will be submitted to the DOTD in a searchable PDF within the time frame established for each TO. Draft reports will contain the required site numbers and standing structure numbers as provided by SHPO. The DOTD can also submit the draft report to the lead federal agency and SHPO for review and comment, or ELOS can submit it at the DOTD's request. Any necessary revised reports will also be submitted in this quantity and format.

*Final Report:* Changes requested by the DOTD or agency reviewers will be incorporated into a final report. If necessary, ELOS will consult with SHPO to ensure any outstanding issues are addressed. ELOS will provide two (2) bound copies and a searchable PDF of the final report to the DOTD within fourteen (14) days of receiving comments. If no changes are requested, the draft report will be accepted as final by SHPO.

*\*Note: ELOS SOI-qualified architectural historian and archaeologists will determine the presence of cultural remains, historic and/or prehistoric, and whether these sites are eligible for or listed on the NRHP. ELOS will also determine whether standing structures, landscapes, or other places or objects are present and whether they are eligible for or listed on the NRHP. The resulting Cultural Resources Survey reports will contain recommendations of eligibility and of effect for each of these archaeological sites (including Historic Areas as defined by LDOA), standing structures, etc., encountered. Each eligibility assessment will include the evaluation criteria and an integrity assessment, as outlined in the LDOA preservation guidelines.*

**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)<br><b>ALL FIRMS</b> MUST BE<br>REPRESENTED IN THIS TABLE | Discipline(s)<br>* | Contract Number and<br>State Project Number | Project Name                                           | Remaining<br>Unpaid<br>Balance** |
|------------------------------------------------------------------|--------------------|---------------------------------------------|--------------------------------------------------------|----------------------------------|
|                                                                  | Choose an          |                                             |                                                        |                                  |
| ELOS Environmental, LLC                                          | Environmental      | 44-0019337 / H.014245                       | LA-119 Bayou Pierre and Creek Bridges                  | \$15                             |
| ELOS Environmental, LLC                                          | Environmental      | 44-0019337 / H.014247                       | LA-399 Creeks, Little 6 Mile Creek, Flat Branch        | \$26                             |
| ELOS Environmental, LLC                                          | Environmental      | 44-0019337 / H.014248                       | LA-124 Creeks, Broke Leg Bayou, Boggy Bayou            | \$123                            |
| ELOS Environmental, LLC                                          | Environmental      | 44-0019337 / H.014248.5                     | LA-124 On site Detours - Supplemental Task Order       | \$238                            |
| ELOS Environmental, LLC                                          | Environmental      | 44-0027734 / H.014362                       | Lake Road in St. Tammany Parish                        | \$22,433                         |
| ELOS Environmental, LLC                                          | Environmental      | 44-0025041 / H.015430                       | Hood Rd, Middle Colyell Creek - IJA Off-System Bridges | \$53                             |
| ELOS Environmental, LLC                                          | Environmental      | 44-0025041 / H.015431                       | Sawmill Rd, Unnamed Creek - IJA Off-System Bridges     | \$17                             |
| ELOS Environmental, LLC                                          | Environmental      | 44-0021326 / H010074.1                      | DOTD Stage 0 IDIQ-LA 3089 Serve Rd/LA 70 Up            | \$2,760                          |
| ELOS Environmental, LLC                                          | Environmental      | 44-00024189/H.015911                        | Grover Jones over Williams Creek                       | \$196                            |
| ELOS Environmental, LLC                                          | Environmental      | 44-00024189/H.016276.5                      | Sidney Lablanc Road over Coulee                        | \$452                            |
| ELOS Environmental, LLC                                          | Environmental      | 44-00024189/H.014059                        | US 80: Bridges Near Minden                             | \$2,764                          |
| ELOS Environmental, LLC                                          | Environmental      | 44-00031920/H.008069.5                      | Peters Road Bridge and Extension                       | \$4,115                          |
| ELOS Environmental, LLC                                          | Environmental      | 44-0025041 / H.015432                       | M. Williams over Spring Creek                          | \$25                             |
| ELOS Environmental, LLC                                          | Environmental      | 44-0025041 / H.015433                       | George Jenkins Road Over Berry's Creek                 | \$154                            |
| ELOS Environmental, LLC                                          | Environmental      | 44-0025041 / H.015434                       | Mitch Road Over Peters Creek                           | \$90                             |

(Add rows as needed)

DO NOT SUM

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

Prime consultant name here

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

**20. Certifications/Licenses:**

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

Prime consultant name here



CERTIFICATE OF COMPLETION

# **Successfully Navigating Section 106 Review: An Orientation for Applicants**

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Christopher Wilson

March 30, 2026

**Advisory Council on Historic Preservation**



CERTIFICATE OF COMPLETION

# **Successfully Navigating Section 106 Review: An Orientation for Applicants**

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Jacob O'Neal

March 31, 2026

**Advisory Council on Historic Preservation**



CERTIFICATE OF COMPLETION

# **Successfully Navigating Section 106 Review: An Orientation for Applicants**

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Sarah Knauer

April 1, 2026

**Advisory Council on Historic Preservation**

THE  
**Register of Professional Archaeologists**

*Certifies that*

*Christopher Wilson, MA, RPA*

Has met all professional requirements  
and has been accredited as a

**REGISTERED PROFESSIONAL ARCHAEOLOGIST**



Trish Fernandez, President



June 20, 2023

Date

THE  
**Register of Professional Archaeologists**

*Certifies that*

*Julian Blaine, MA, RPA*

Has met all professional requirements  
and has been accredited as a

**REGISTERED PROFESSIONAL ARCHAEOLOGIST**



\_\_\_\_\_  
Lisa Westwood, President



October 21, 2024

\_\_\_\_\_  
Date

**21. QA/QC Plan:**

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

**22. Sub-consultant information:**

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

| <b>Firm Name</b><br>(Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20)</u> | <b>Address</b> | <b>Point of Contact and email address</b> | <b>Phone Number</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|---------------------|
| N/A                                                                                                                                                                                                 |                |                                           |                     |
|                                                                                                                                                                                                     |                |                                           |                     |
|                                                                                                                                                                                                     |                |                                           |                     |

(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**