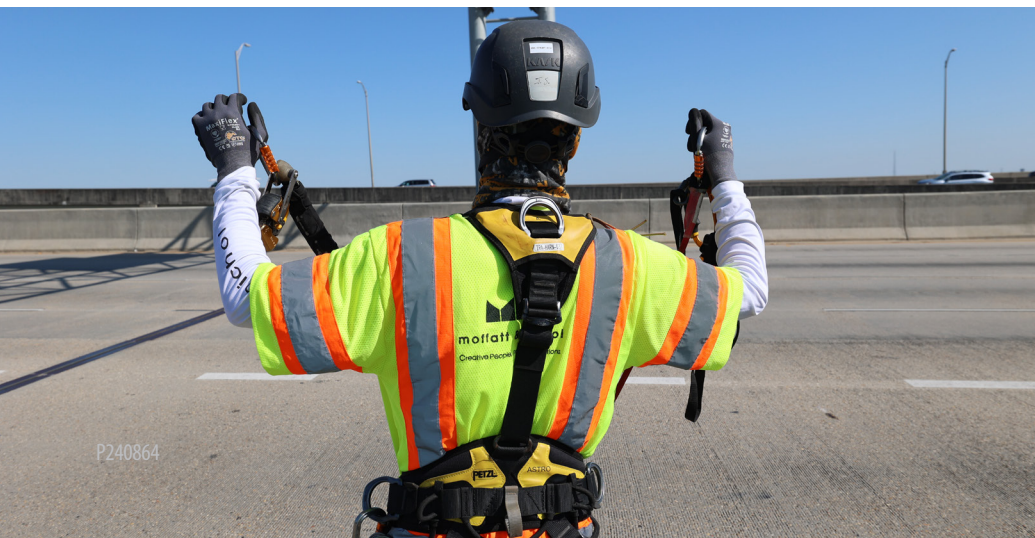


Proposal prepared for
Louisiana Department of Transportation and Development



IDIQ CONTRACT FOR INVENTORY AND INSPECTION OF SIGN TRUSSES AND RADIO TOWERS STATEWIDE

CONTRACT NO. 4400031911 | April 2025





One American Place
301 Main Street, Suite 800
Baton Rouge, LA 70801
(225) 336-2075 Fax (225) 336 2076
www.moffattnichol.com

Department of Transportation and Development
Attn.: Selection Committee
Consultant Contracts Services Administrator
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802-4438

Re: IDIQ CONTRACT FOR INVENTORY AND INSPECTION OF SIGN TRUSSES AND RADIO TOWERS STATEWIDE

Moffatt & Nichol (M&N) is proud to offer the Louisiana Department of Transportation and Development (LaDOTD) a top-tier team that leads the nation in ancillary structures. This team resides in Baton Rouge with access to unparalleled resources to support the *Inventory and Inspection of Sign Trusses and Radio Towers* Program. We are focused on the Department's complete satisfaction to deliver increasing value with sustained success.

M&N is now leading the third evolution of an improved management system: 1-Agile Assets with custom integrations; 2-ArcGIS with custom features; 3-Beyond Asset with added flexibility and scalability. We are finalizing the integration of historical data into Beyond Asset. **M&N is eager to fully execute this next system to maximize program outcomes and enable:**

- Inclusion of additional asset classes, such as radio towers, with seamless data field adaptations.
- Real-time schedule management, progress visualization, and intuitive dashboards.
- Enhanced communication across Districts, disciplines, and stakeholders. The latest evolution of our management system fosters connectivity between stakeholders and the project team, streamlines quality control and assurance processes, implements robust cost control measures, and elevates the quality and value of deliverables.

Our team is uniquely equipped to incorporate Radio Frequency (RF) Tower structures into the asset inventory, bolstered by the specialized expertise of Deep South Communications. With legacy RF towers ranging from 20 to 420 feet in LaDOTD's inventory requiring structural safety inspections, M&N's deep understanding of the scope ensures cost-effective, high-value solutions tailored to the Department's needs.

Safety is at the core of M&N's mission to protect the traveling public. We maintain a redundant equipment inventory near our downtown Baton Rouge office, enabling rapid and effective responses to emergency requests. Additionally, our investment in a superior internal SPRAT training program, led by a dedicated M&N instructor in Baton Rouge, ensures our team receives rigorous annual refresher training, upholding the highest safety and performance standards.

We are grateful for this opportunity, and we value our role as a trusted consultant and advisor. M&N's team is ready to deliver innovative, future-focused solutions to serve the Department for years to come. Thank you for considering our qualifications and experience—we look forward to continuing our partnership.

Sincerely,

MOFFATT & NICHOL

Chace Hulon, P.E.
Project Manager/Vice President

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR INVENTORY AND INSPECTION OF SIGN TRUSSES AND RADIO TOWERS STATEWIDE
2. Contract Number(s) as shown in the advertisement	4400031911
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Moffatt & Nichol Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF. 0003104
6. Prime consultant mailing address	301 Main Street, Suite 800 Baton Rouge, LA 70801
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	301 Main Street, Suite 800 Baton Rouge, LA 70801
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Chace Hulon, PE, Project Manager (225)336-2075 chulon@moffattnichol.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jonathan Hird, PE, Vice President (225)336-2075 jhird@moffattnichol.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract 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. 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.	 Signature above shall be the same person listed in Section 9: 04/22/2025 Date:				
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Firm(s):</u></td> <td style="width: 50%;"><u>Firm(s)' %:</u></td> </tr> <tr> <td>Engineering Operations</td> <td>N/A</td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	Engineering Operations	N/A
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
Engineering Operations	N/A				

12. Discipline Table:

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

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

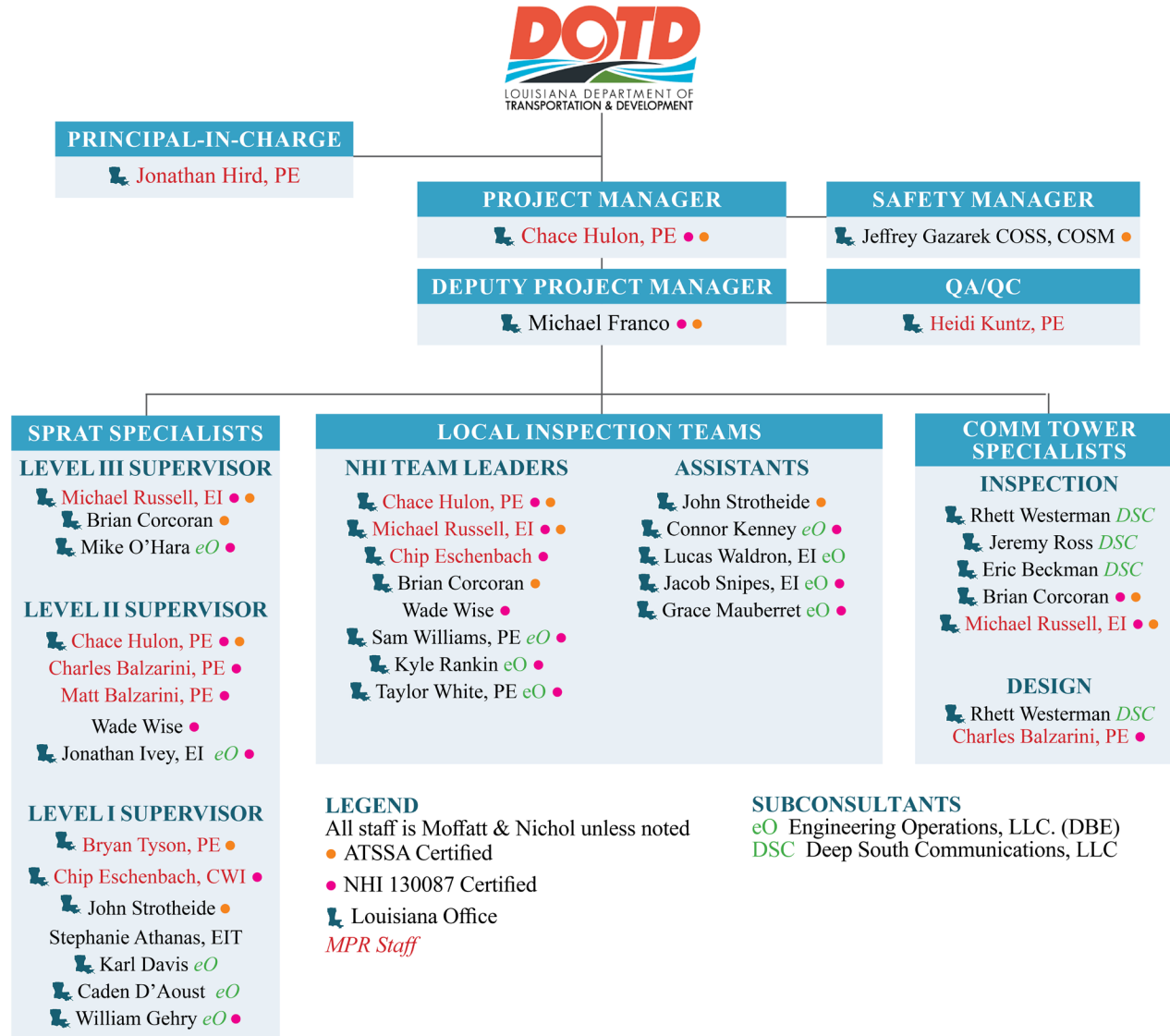
Past Performance Evaluation Discipline(s)	% of Overall Contract	Moffatt & Nichol	Engineering Operations, LLC	Deep South Communications, LLC	Each Discipline must total to 100%
Other – Ancillary Inspections	90%	90%	10%		100%
ITS	10%	10%		90%	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	82%	9%	9%	100%

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Moffatt & Nichol	Principal	2	7
	Administrative	2	4
	CADD Technician	2	6
	Engineer	8	39
	Engineer - Other	12	25
	Engineer Intern	6	8
	Senior Technician	3	13
	Supervisor - Eng	4	11
Engineering Operations LLC	Principal	1	2
	Other (Project Manager)	1	4
	Other (Sr. Engineer/Sr. Team Leader)	2	5
	Other (Engineer/Team Leader)	7	12
	Other (Inspection Assistant)	7	21
	Other (Office Supportive Administrator)	1	2
Deep South Communications LLC	Principal	1	1
	Inspector	3	35

14. Organizational Chart:

M&N has assembled a cohesive, efficient, Louisiana-based inspection team with a proven track record of commitment to the LaDOTD Bridge program for over 10 years. Our team offers unmatched level of experience, knowledge of SNBI codes and is developing the LaDOTD Bridge Inspection Manual and the Coding and Field Guide.



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Jonathan Hird, PE	Moffatt & Nichol Inc.	PE 0032299 - Civil	LA	09/30/2026
2	Chace Hulon, PE	Moffatt & Nichol Inc.	PE 0039701 - Civil	LA	09/30/2025
3	Chace Hulon, PE	Moffatt & Nichol Inc.	Level II SPRAT #070712 FHWA-NHI 130087 FHWA-NHI 130053	USA LA	03/17/2028 05/18/2028
4	Chip Eschenbach, CWI	Moffatt & Nichol Inc.	Certificate 22047041 FHWA-NHI 130087	USA	04/01/2028
5	Bryan Tyson, PE	Moffatt & Nichol Inc.	PE 0043425 - Civil FHWA-NHI 130087	USA	03/31/2027
6	Matt Balzarini, PE	Moffatt & Nichol Inc.	Level II SPRAT #190895	USA	05/03/2028
7	Charles Balzarini, PE	Moffatt & Nichol Inc.	Level II SPRAT #190894	USA	05/03/2028
8	Michael Russell, EIT	Moffatt & Nichol Inc.	Level III SPRAT #150926	USA	02/04/2028

16. Staff Experience:

Firm employed by Moffatt & Nichol			
Name	Jonathan Hird, PE		Years of relevant experience with this employer
Title	Vice President / Business Unit Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2001 / Civil and Environmental Engineering BS / 1993 / Environmental Science	
Active registration number / state / expiration date		PE 0032299 / LA / 09/30/2026	
Year registered	2006	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Principal-in-Charge; MPR # 1 / Jonathan will serve as Principal-in-Charge from the local Moffatt & Nichol office in Baton Rouge, LA and will be responsible for overall project performance, verify QC activities are in accordance with the contract and the Project Plan.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 – 04/25	LaDOTD Statewide Truss Sign Inspection. Principal-in-Charge who provided executive oversight and strategic direction. Responsibilities included attending asset management and project review meetings with the project manager, project administrator, and accounting team to ensure alignment of financial performance and project goals. Reviewed contracts, subcontracts, and all associated agreements to ensure compliance and risk management. Monitored accounts receivable and project key performance indicators to track financial health and performance metrics. Ensured adherence to QA/QC protocols across all deliverables. Participated in field operations safety meetings and discussions addressing safety protocol concerns to support a safe and compliant work environment.		
04/20 – 04/24	LaDOTD Complex Bridge Inspection, Statewide, LA. Principal-in-Charge who provided executive oversight by participating in regular project review meetings to monitor progress, address challenges, and support successful delivery. Ensured effective document control and maintained quality and accuracy across all project documentation and deliverables.		
06/18 – 12/19	LaDOTD Bridge Inspection Manual, Statewide. Principal-in-Charge for a team of eight subject matter experts to develop the LaDOTD Bridge Inspection Manual. Emphasis is made on complying with the 23 NBI Program Metrics. Provided high-level oversight to ensure successful project execution. Participated in project review and management meetings with the project team and accounting staff to align performance, deliverables, and financial objectives.		

Firm employed by Moffatt & Nichol			
Name	Chace Hulon, PE		Years of relevant experience with this employer
Title	National Structures Inspection Program Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		PE 0039701 / LA / 09/30/2025	
Year registered	2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Manager; SPRAT Specialist – Level II Supervisor; NHI Team Leader; MPR # 2 & 3 / Chace will manage the contract, team, client coordination, schedule, budget, quality control, and final deliverables and provide quality assurance field reviews as needed to ensure quality and improvement goals are being met.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/22 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses TO2 and TO3, Statewide, LA. Project Manager for the five-year retainer contract to perform over 1,500 sign truss inspections throughout Louisiana. He led the development of an ArcGIS based asset management system and an updated Inventory & Inspection Manual for Ancillary Structures. Inspections included steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA and ASIRM guidelines. Managed the QA/QC plan and performed QC reviews on inspection reports.		
04/20 – 06/22	LaDOTD Inventory and Inspection of Sign Trusses TO1, Statewide, LA. Project Manager for the five-year retainer contract to perform over 1,500 sign truss inspections throughout Louisiana. Led the development of the updated Ancillary Structures Inspection Program, implemented policies and standard operating procedures. Inspections include steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA and ASIRM guidelines. Managed the QA/QC plan and performed QC reviews on inspection reports.		
05/15 – 05/20	LaDOTD Inventory and Inspection of Sign Trusses TO1, Statewide, LA. Project Manager for the original five-year retainer contract to perform an unknown number of sign truss inspections throughout Louisiana. We inventoried and inspected 1,500 overhead sign structures in three years and identified 55 critical findings that resulted in the safe removal or replacement of the structures. He led the development of the written Sign Truss Inspection Program, implemented policies and standard operating procedures, led the development of an internal inventory management system, managed the QA/QC plan, and performed QC reviews on inspection reports. Inspections included steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines.		
07/22 – 10/22	New Orleans Aviation Board, Louis Armstrong International Airport Inspection of Overhead Sign Structures and Landside Wayfinding Sign Structures, New Orleans, LA. Project Manager who managed this damage assessment project post Hurricane Ida that included a total of 62 sign structures of which 31 were overhead sign structures. Aerial lifts and structure climbing techniques were utilized along with appropriate maintenance of traffic and some lane closures. A punch list of damage and repair recommendations was provided and supported with photo documentation. QC reviews were performed on the punch list report deliverable.		

Firm employed by Moffatt & Nichol				
Name	Michael Franco		Years of relevant experience with this employer	1
Title	Inspection & Rehabilitation Operations Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2008 / Mechanical Engineering		
Active registration number / state / expiration date		n/a		
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities		Deputy Project Manager / Michael will assist with management of the team, client coordination, schedule, budget, quality control, and final deliverables.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Project Manager for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections included steel and aluminum welds, high-stress moment connections, and fracture-critical elements in accordance with FHWA guidelines. Performed QA/QC reviews of inspection reports and led the development of a new inspection and reporting software to be utilized on this next contract.			
12/18 – 01/20	Nutrien – Nitric Acid Train 5 Debottleneck. Project Manager who managed multiple disciplines which provided completion of an FEL-3, a +/-10% TIC estimate, and detailed design engineering services for the Nitric Acid Train 5 Debottleneck project. This included Process, Civil/Structural, Piping, Mechanical, Electrical, and Instrumentation. As a Project Manager, he facilitated a project kickoff meeting and interactive planning session and with input from all disciplines, he developed a project staffing plan and monitored it throughout the duration of the project. He also participated in weekly coordination meetings with all discipline leads and the Nutrien team, maintained a Project Change Log and provided immediate notification to Nutrien’s project team of potential cost and schedule impacts as they were identified, and generated and maintained a project document register. Each discipline updated the register but provided a single source to track the status of all project documents and deliverables. He also developed and updated the project Action Item / Needs List and Project Decision Log, developed and maintained a project Risk Register, and oversaw the production of a +/- 10% Total Installed Cost (TIC) estimate and a cost basis document. He managed the Civil/Structural Team as they produced steel and concrete sketches and MTOs for the TIC estimate, furnished 3 days of laser scanning of the nitric acid plant area, completed a detailed compressor steel and foundation evaluation, designed the MPS, MES, and foundations for the new compressor, existing compressor, refrigeration areas, and placed them in the 3-D model, reviewed vendor data and shop drawings, and prepared a written construction scope of work.			
03/19 – 09/19	Syngenta – Visual Structural Inspections. Project Manager who managed the Civil/Structural team which performed visual structural inspections of a steel structure supporting a silo and a neutralizer and its surrounding miscellaneous platforms/access ways. The visual assessment addressed the structures and buildings with structural deficiencies found during the walk down inspection. The report included the deficiencies identified and recommended repairs. The visual inspections focused on structural steel, structural concrete, and buildings for areas previously stated, in accordance with Syngenta’s Mechanical Integrity Standard Operating Procedure MNT-PDM-MNL-0093. A final report containing identified deficiencies, repair recommendations and photos was prepared for Syngenta.			

Firm employed by Moffatt & Nichol				
Name	Charles Balzarini, PE		Years of relevant experience with this employer	12
Title	Civil Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			BS / 2008 / Civil Engineering	
Active registration number / state / expiration date			AELC13854 / AK / 12/31/2025	
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			SPRAT – Level II; NHI Team Leader; MPR # 7 / Charles will lead field teams in the documentation, rating, and reporting of deficiencies, and perform QC reviews of reports. As a certified SPRAT Level II technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Team member for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections included steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines. Team performed Level III inspections with ultrasonic testing on bolted connections, mag particle testing on steel welded connections, and dye penetrant testing on aluminum-welded connections. Performed QA/QC reviews on inspections reports.			
04/19 – 04/24	LaDOTD In-Depth Bridge Inspections, Statewide. Project inspector for the five-year retainer contract to perform in-depth bridge inspections on complex and movable bridges throughout Louisiana. As a major subconsultant to HNTB, Moffatt & Nichol performed in-depth inspections (fulfilling both routine and fracture critical inspection types) as a quality assurance measure on the district personnel for the Headquarters Bridge Inspection Office. Level III inspections of submerged elements in accordance with the FHWA, BIRM, AASHTO MBE, AASHTO BEIM, and the LaDOTD BIM were required as needed. Bridge types included cantilever trusses, cable-stay bridges, movable swing span bridges, and bascule bridges. Management, communication, and implementation of the QA/QC plan was an instrumental component to this project.			
02/17 – 12/21	LaDOTD, NBIS Underwater Bridge Inspection Retainer Contract, Statewide. NBIS Inspector for the five-year retainer contract to perform Levels I, II, and III underwater bridge inspections in accordance with NBIS and AASHTO Manual for Bridge Element Inspection. Bridge types inspected consisted of movable bridges, truss bridges, timber stringer bridges, cable-stay bridges, and single and multi-span girder bridges up to fourteen miles in length. Site conditions included salt and fresh water, with varying levels of current, having low to no visibility. UAI techniques were used to locate structural deficiencies and identify bottom conditions. Responsible for leading underwater inspection teams to complete fieldwork, inspection reports, and QC reviews.			

Firm employed by Moffatt & Nichol			
Name	Heidi Kuntz, PE		Years of relevant experience with this employer
Title	Senior Structural Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / ID / Civil Engineering	
Active registration number / state / expiration date		PE 0048737 / LA / 09/30/2026	
Year registered	2024	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		QA/QC / Heidi will continue developing the QA/QC program to provide a mechanism for subjecting all deliverables to a systematic and consistent review and will oversee the quality reviews.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. QA/QC Manager for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs across Louisiana. Her responsibilities included reviewing inspection reports for accuracy and consistency, ensuring all deliverables meet contract standards. She is also currently supporting the project manager in developing a new inspection and reporting software platform. Heidi will lead the development of a comprehensive QA/QC program to ensure systematic and consistent quality checks across all project deliverables.		
03/24 – 12/24	Mississippi Department of Transportation, IDIQ Underwater Bridge Inspections, Statewide MS. QA/QC Manager who developed a Quality Management Plan to assure compliance with the contract requirements and to adhere to M&N quality standards. Provided QA/QC for the inspection reports generated for submerged element inspections to assure compliance with NBIS requirements. This included reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.		
10/24 – 12/24	USACE Routine Bridge Inspection, Vicksburg District. QA/QC Manager for the inspection reports generated for bridge element inspections to assure compliance with NBIS requirements. This included reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.		
11/24 – Ongoing	Mississippi Office of State Aid Routine Bridge Inspections, Statewide MS. QA/QC Manager for the inspection reports generated for bridge element inspections to assure compliance with NBIS requirements. This includes reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.		
01/24 – Ongoing	LaDOTD Underwater Bridge Inspections, Statewide LA. QA/QC Manager who provides QA/QC for inspection reports generated for submerged element inspections to ensure compliance with NBIS requirements and the newly developed Bridge Inspection Manual (BIM). Responsibilities include reviewing reports for discrepancies or deviations from established standards, verifying accuracy, and recommending revisions to maintain consistency and quality across all deliverables.		

Firm employed by Moffatt & Nichol				
Name	Michael Franco		Years of relevant experience with this employer	1
Title	Inspection & Rehabilitation Operations Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2008 / Mechanical Engineering		
Active registration number / state / expiration date		n/a		
Year Registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities		Deputy Project Manager / Michael will assist with management of the team, client coordination, schedule, budget, quality control, and final deliverables.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Project Manager for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections included steel and aluminum welds, high-stress moment connections, and fracture-critical elements in accordance with FHWA guidelines. Performed QA/QC reviews of inspection reports and led the development of a new inspection and reporting software to be utilized on this next contract.			
12/18 – 01/20	Nutrien – Nitric Acid Train 5 Debottleneck. Project Manager who managed multiple disciplines which provided completion of an FEL-3, a +/-10% TIC estimate, and detailed design engineering services for the Nitric Acid Train 5 Debottleneck project. This included Process, Civil/Structural, Piping, Mechanical, Electrical, and Instrumentation. As a Project Manager, he facilitated a project kickoff meeting and interactive planning session and with input from all disciplines, he developed a project staffing plan and monitored it throughout the duration of the project. He also participated in weekly coordination meetings with all discipline leads and the Nutrien team, maintained a Project Change Log and provided immediate notification to Nutrien’s project team of potential cost and schedule impacts as they were identified, and generated and maintained a project document register. Each discipline updated the register but provided a single source to track the status of all project documents and deliverables. He also developed and updated the project Action Item / Needs List and Project Decision Log, developed and maintained a project Risk Register, and oversaw the production of a +/- 10% Total Installed Cost (TIC) estimate and a cost basis document. He managed the Civil/Structural Team as they produced steel and concrete sketches and MTOs for the TIC estimate, furnished 3 days of laser scanning of the nitric acid plant area, completed a detailed compressor steel and foundation evaluation, designed the MPS, MES, and foundations for the new compressor, existing compressor, refrigeration areas, and placed them in the 3-D model, reviewed vendor data and shop drawings, and prepared a written construction scope of work.			
03/19 – 09/19	Syngenta – Visual Structural Inspections. Project Manager who managed the Civil/Structural team which performed visual structural inspections of a steel structure supporting a silo and a neutralizer and its surrounding miscellaneous platforms/access ways. The visual assessment addressed the structures and buildings with structural deficiencies found during the walk down inspection. The report included the deficiencies identified and recommended repairs. The visual inspections focused on structural steel, structural concrete, and buildings for areas previously stated, in accordance with Syngenta’s Mechanical Integrity Standard Operating Procedure MNT-PDM-MNL-0093. A final report containing identified deficiencies, repair recommendations and photos was prepared for Syngenta.			

Firm employed by Moffatt & Nichol				
Name	Heidi Kuntz, PE		Years of relevant experience with this employer	1
Title	Senior Structural Engineer		Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization			BS / ID / Civil Engineering	
Active registration number / state / expiration date			PE 0048737 / LA / 09/30/2026	
Year registered	2024	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			QA/QC / Heidi will continue developing the QA/QC program to provide a mechanism for subjecting all deliverables to a systematic and consistent review and will oversee the quality reviews.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. QA/QC Manager for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs across Louisiana. Her responsibilities included reviewing inspection reports for accuracy and consistency, ensuring all deliverables meet contract standards. She is also currently supporting the project manager in developing a new inspection and reporting software platform. Heidi will lead the development of a comprehensive QA/QC program to ensure systematic and consistent quality checks across all project deliverables.			
03/24 – 12/24	Mississippi Department of Transportation, IDIQ Underwater Bridge Inspections, Statewide MS. QA/QC Manager who developed a Quality Management Plan to assure compliance with the contract requirements and to adhere to M&N quality standards. Provided QA/QC for the inspection reports generated for submerged element inspections to assure compliance with NBIS requirements. This included reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.			
10/24 – 12/24	USACE Routine Bridge Inspection, Vicksburg District. QA/QC Manager for the inspection reports generated for bridge element inspections to assure compliance with NBIS requirements. This included reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.			
11/24 – Ongoing	Mississippi Office of State Aid Routine Bridge Inspections, Statewide MS. QA/QC Manager for the inspection reports generated for bridge element inspections to assure compliance with NBIS requirements. This includes reviewing the reports for discrepancies or deviations from the NBIS, verifying accuracy, and recommending modifications.			
01/24 – Ongoing	LaDOTD Underwater Bridge Inspections, Statewide LA. QA/QC Manager who provides QA/QC for inspection reports generated for submerged element inspections to ensure compliance with NBIS requirements and the newly developed Bridge Inspection Manual (BIM). Responsibilities include reviewing reports for discrepancies or deviations from established standards, verifying accuracy, and recommending revisions to maintain consistency and quality across all deliverables.			

Firm employed by Moffatt & Nichol				
Name	Jeffrey Gazarek COSS, COSM		Years of relevant experience with this employer	10
Title	Safety Manager		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization			Commercial Diving with Concentration in Subsea Inspection / 2005 / Divers Institute of Technology	
Active registration number / state / expiration date			N/A	
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities			Safety Manager / Jeffrey will ensure full compliance with OSHA standards, LaDOTD requirements, and our internal Project Safety Plan through regular site inspections, audits, and safety briefings. This role fosters a strong safety culture by ensuring all personnel are properly trained, equipped, and focused on hazard awareness.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Site safety specialist who supported the overall project safety, logistics, and compliance. He led meetings to present findings related to sign inventory issues and reviewed guidance documents and logistical considerations across project teams. He addressed bucket truck safety concerns, maintenance planning, and contract modifications, including transitioning from a standard lease to a custom agreement. He reviewed and discussed hazard analyses, including electrical hazards and rope access safety. He evaluated and updated the Access Work Plan, project-wide Activity Hazard Analysis (AHA), and Rope Access AHA. He oversaw incident reporting processes and facilitated safety meetings covering flaggers, traffic control technician, and traffic control supervisor training. He coordinated with the subconsultant’s regional manager to ensure safety documentation compliance with M&N standards and contract requirements and actively supported field team safety through regular reviews of the Field Safety Plan and by promoting clear communication and procedural adherence.			
04/19 – 04/24	LaDOTD In-Depth Bridge Inspections, Statewide, LA. Site safety specialist, sonar specialist, and senior dive supervisor for the five-year retainer contract who performed in-depth bridge inspections on complex and movable bridges throughout Louisiana. As the primary subconsultant to HTNB, Moffatt & Nichol performed complete in-depth inspections (fulfilling both routine and fracture critical inspection types) as a quality assurance measure on the district personnel for the Headquarters Bridge Inspection Office. Bridge types included cantilever trusses, segmental concrete box girders, movable swing span bridges, bascule bridges, cable-stay bridges, and bridges of various configurations with timber elements.			
10/22 – 03/25	USACE, Bridge and Waterfront Facility Inspection Services, multiple locations. Project Safety Manager who supported the field inspections team requiring close coordination with DPW and Range Control to prevent disruptions to base operations. He assisted with data collection and debriefing, including extraction of resist graph data and participated in team meetings to clarify the scope of work and ensure safety requirements were accurately captured in planning documents. He communicated with contractors to coordinate field logistics and uphold safety standards, reviewed and updated the Dive Plan, finalized the Accident Prevention Plan (APP), and developed the Confined Space Plan. He initiated the APP for the Building Monitoring Inspection and reviewed and reformatted the AHA to align with project safety protocols.			

Firm employed by Moffatt & Nichol			
Name	Michael Russell, EIT		Years of relevant experience with this employer
Title	Civil Associate II		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering	
Active registration number / state / expiration date		EIT 0035255 / TN / no expiration date	
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		SPRAT - Level III, NHI Team Leader, and Comm Tower Inspector; MPR # 8 / Mike will lead field teams in the documentation, rating, and reporting of deficiencies, and perform QC reviews of reports. As a certified SPRAT Level III technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/24 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Project manager, team leader, and rope access supervisor for the five-year retainer contract to perform over 1,500 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections included steel and aluminum welds, high-stress moment connections, and fracture-critical elements in accordance with FHWA guidelines. Lead the team who performed Level III inspections with ultrasonic testing on bolted connections, mag particle testing on steel-welded connections, and dye penetrant testing on aluminum-welded connections. Performed QA/QC reviews of inspections reports.		
04/20 – 04/24	LaDOTD IDIQ Complex Bridge Inspections, Statewide, LA. As part of a consulting engineering team, served as project manager, team leader, and rope access supervisor for the inspection of in-service bridges throughout Louisiana in accordance with FHWA guidelines for LaDOTD. Bridges included the I-10 Calcasieu Bridge in Lake Charles, Audubon Bridge in Saint Francisville, Vicksburg Bridge, I-10 Baton Rouge (Horace Wilkinson), Greater New Orleans bridges, Manchac Bridge, and the US 190 Huey P. Long Bridge in Baton Rouge. The team performed various non-destructive evaluations (NDE), including unmanned aerial vehicle flight operations, magnetic particle, and ultrasonic testing. Performed QA/QC reviews of inspections reports.		
09/23 – 01/24	Mississippi Department of Transportation Routine Bridge Inspections, Statewide, MS. Consulting engineering team, served as team leader, rope access supervisor, and pilot-in-command for the routine inspections of four bridges in lower Mississippi in accordance with FHWA guidelines for the Mississippi Office of State Aid. Performed QA/QC reviews of inspections reports.		
10/23 – 02/24	Routine and Naval Ships' Technical Manual Bridge Inspections, McAlester, OK. As part of a joint venture team, served as team leader, rope access supervisor, and pilot-in-command for the routine and fracture-critical inspections of two bridges at McAlester Army Ammunition Plant in accordance with FHWA guidelines for the U.S. Army Corps of Engineers. The team utilized industrial rope access techniques and small unmanned aerial systems (drones) to complete the inspections. Prepared inspection reports for QA/QC reviews.		

Firm employed by Moffatt & Nichol				
Name	Matt Balzarini, PE		Years of relevant experience with this employer	7
Title	Civil Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			BS / 2011 / Civil Engineering	
Active registration number / state / expiration date			PE CE118893 / AK / 12/31/2025	
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			SPRAT – Level II, NHI Team Leader, and Comm Tower Design; MPR # 6 / Matt will lead field teams in the documentation, rating, and reporting of deficiencies, and perform QC reviews of reports. As a certified SPRAT Level II technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/19 – 10/24	LaDOTD In-Depth Bridge Inspections, Statewide. Level III Inspector. As a key subconsultant to HNTB, M&N conducted in-depth inspections—covering both routine and fracture-critical types—as part of a QA effort for the Headquarters Bridge Inspection Office. Level III inspections of submerged elements were performed as needed, following FHWA, BIRM, AASHTO MBE, BEIM, and BIM standards. Bridge types included cantilever trusses, cable-stay, swing span, and bascule bridges. Effective QA/QC plan management and communication were central to the project’s success.			
05/22 – 03/23	LaDOTD In-Depth Bridge Inspections, Statewide, LA. Inspection team member who performed an in-depth bridge inspection of the Vicksburg Bridge (Cantilever type) bordering Louisiana and Mississippi, as a subconsultant to Gresham Smith. The routine inspection included Level I, II, and III work utilizing rope access and drone footage. The inspection was in correspondence with the FHWA, BIRM, AASHTO MBE, AASHTO BEIM, and the LaDOTD BIM.			
02/19 – 03/23	III-Ingalls Waterfront Inspection, Pascagoula, MS. Inspector responsible for structural assessments of the Land Level Transfer Facility (LLTF) of Ingalls Shipbuilding’s Pascagoula Shipyard. Inspections performed to fulfill requirements for safety certification as outlined in MIL-STD-1625D - “Department of Defense Standard Practice, Safety Certification Program for Drydocking Facilities and Shipbuilding Ways for U.S. Navy Ships”. Inspection included the topside inspection of approximately 20 acres of the LLTF and underwater inspection of over 1,000 concrete and steel piles and 1,600 linear feet of concrete sheet pile bulkhead.			
01/18 – Ongoing	LaDOTD Underwater Bridge Inspections, Statewide, LA. Inspection team member for statewide contract to perform over 500 underwater bridge inspections throughout Louisiana. Level I, II, and III inspections of submerged elements are performed in accordance with the FHWA, BIRM, AASHTO MBE, current NBIS requirements and LaDOTD engineering and maintenance directives. Inspections will be completed by using diving and underwater imaging. Imaging units used include Kongsberg Mesotech MS 1000 and Norbit Winghead i77. Bridge types include movable swing span bridges, bascule bridges, truss bridges, timber stringer bridges, cable-stay bridges, single and multi-span bridges.			

Firm employed by Moffatt & Nichol			
Name	Brian Corcoran		Years of relevant experience with this employer
Title	Field Technician III		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2012 / Forest Resource Management	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		SPRAT Level III; NHI Team Leader; Comm Tower Inspection / Brian will lead field teams in the documentation, rating, and reporting of deficiencies, and perform initial QC reviews of reports. As a certified SPRAT Level III technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/23 – 04/25	LaDOTD Ancillary Structures Inspections, Statewide, LA. Field technician who conducted inspections and maintenance related issues to a wide range of ancillary highway structures, focusing on steel and aluminum structures. A combination of access methods was used for the work, which included bucket trucks, boats, fall arrest, and industrial rope access.		
10/23 – 12/23	McAlester Army Ammunitions Plant Bridge Inspections, McAlester, OK. Field technician who performed inspections of the fracture critical bridge, employing specialized rope access techniques to access and potentially identify structural weaknesses while ensuring compliance with safety standards. Aided in generating concise reports detailing critical findings and recommending targeted maintenance or repair strategies to enhance the resilience and safety of the bridge.		
11/23 – 12/24	I-10 Calcasieu River Bridge Inspections, Lake Charles, LA. Technician who conducted comprehensive bridge inspections utilizing advanced access techniques from under bridge vehicles, boats, and rope access to assess structural integrity, identify potential vulnerabilities, and ensure compliance with safety standards. Aided in generating detailed inspection reports outlining findings.		
10/23 – 12/23	Mississippi Department of Transportation, Office of State Aid Road Construction Routine Bridge Inspections, Statewide, MS. Field technician who coordinated pre-planning activities for bridge inspections, including sourcing and purchasing materials and equipment, prepping inspection tools, and ensuring all gear met safety standards. Loaded previous inspection reports onto field tablets to support accurate condition assessments. Conducted thorough bridge inspections, participated in team briefings and safety meetings, and verified all personal protective equipment and diving gear prior to fieldwork to ensure compliance with safety protocols and inspection efficiency.		
05/22 – 01/23	Hilcorp Endicott Island Process and Pipeline Inspections, Prudhoe Bay, AK. Rope access team lead for a five-person inspection team. NDE performed NOVO and C-Arm. Artic ice break up polar bear hazards were present.		
06/22 – 06/23	Lone Star Wind Farm Weld Inspections, Abilene, TX. Team lead for a five-person cleaning and NDE inspection team who performed UTT and UTPA MX2 with an Ax Seam Scanner on circular tower section welds. Duties included client relations, training of new personnel, access and rescue, reporting, daily safety briefings, project planning and logistics, and materials management.		

Firm employed by Moffatt & Nichol				
Name	Bryan Tyson, PE		Years of relevant experience with this employer	7
Title	Structural Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		MS / 2010 / Civil Engineering; BS / 2008 / Civil Engineering		
Active registration number / state / expiration date		PE 0043425 / LA / 03/31/2027		
Year registered	2019	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		SPRAT Specialist Level I; NHI Team Leader; MPR # 5 / Bryan will lead field teams in the documentation, rating, and reporting of deficiencies, and perform QC reviews of reports. As a certified SPRAT Level I technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Structural engineer and inspector who helped lead the development and implementation of a comprehensive sign truss inspection program for over 1,500 structures across Louisiana. Responsibilities included creating policies, standard operating procedures, and an internal inventory management system to streamline operations. Inspections covered structural components such as steel and aluminum welds, high-stress moment connections, and fracture-critical elements, all conducted in accordance with FHWA guidelines and oversaw QC and consistency across all inspection teams to ensure thorough documentation and compliance with federal and state standards.			
08/16 – Ongoing	LaDOTD Underwater Bridge Inspections, Statewide, LA. Team leader, engineer diver, and QC reviewer for underwater inspection of bridges throughout Louisiana. Led a four-man inspection/dive team responsible for conducting Level I and Level II inspections on concrete and steel elements below the waterline. Responsible for rating the overall bridge pier and corresponding elements and incorporating findings in a detailed inspection report. Also served as quality control reviewer for reports to ensure accuracy and proper rating per NHI guidance.			
04/23 – Ongoing	LaDOTD Complex Bridge Inspections, LA. Rope access technician and drone pilot-in-command for the biennial routine and fracture critical inspections of in-service bridges throughout Louisiana in accordance with FHWA guidelines.			
04/24 – 12/24	Mississippi Department of Transportation, Underwater Bridge Inspections. Team leader supervisor for Level I, II, and III underwater inspections of 69 bridges in accordance with FHWA BIRM, AASHTO MBE, current NBIS requirements and the MDOT Inspection Manual for Bridges. Performed quality control reviews, evaluated critical structural conditions, and made recommendations for necessary actions of remedy.			
01/24 – 12/24	Mississippi Department of Transportation Routine and NSTM Inspections. Team leader and NSTM inspector for the routine inspections of bridges throughout lower Mississippi in accordance with FHWA guidelines for the Mississippi Office of State Aid. Performed quality assurance/quality control reviews of inspections reports.			
10/23 – 11/23	Hollingshead Dock Inspection, Panama City, FL. Team Leader and Engineer Diver for the underwater inspection of a steel bulkhead relieving platform built in the 1920s. Performed Level I, II, and III inspections of submerged elements in accordance with the ASCE Underwater Investigations Standard Practice Manual and ASCE Waterfront Facilities Inspection and Assessment. QC review of the dock load, the existing structural configuration, and the inspection memo.			

Firm employed by Moffatt & Nichol				
Name	Christopher “Chip” Eschenbach		Years of relevant experience with this employer	7
Title	Senior Technician		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			Associates / 2015 / Welding Technology	
Active registration number / state / expiration date			CWI #22047041 / USA / 04/01/2028	
Year registered	2020	Discipline	N/A	
Contract role(s) / brief description of responsibilities			SPRAT Level I; NHI Team Leader; MPR # 4 / Chip will lead field teams in the documentation, rating, and reporting of deficiencies, and perform initial QC reviews of reports. As a certified SPRAT Level I technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Statewide Inventory and Inspection of Sign Trusses (TO 2), Statewide, LA. Highway sign inspector of all connection members, gathering data about the base and structure of signs, listing any additional defects not listed in previous reports, taking photos and updating each sign inspection report. Responsibilities for the job included equipment preparations, climbing signs, and assisting with the inspection and data collection for the signs. Sign inspections were conducted from a bucket truck, using appropriate climbing gear and all necessary traffic safety equipment to ensure safe practices as well as clear and precise notations.			
05/15 – 05/20	LaDOTD Statewide Inventory and Inspection of Sign Trusses (TO 1), Statewide, LA. Highway sign inspector for a five-year retainer contract to perform over 1,800 routine and interim overhead sign structure inspections throughout Louisiana. Introducing new ancillary structures such as retaining walls. Designing an asset management system to better collect and process the data. Inspections include steel and aluminum welds, high-stress moment connections, and fracture critical elements in accordance with FHWA guidelines. Managed the QA/QC plan, including the NDT testing processes and procedures. Responsibilities include the inspection of LaDOTD highway signs, reporting the field investigation findings and QA/QC for field investigations. Additional responsibilities are equipment preparations, field trip planning, maintaining equipment to the safe and current standards, driving the bucket truck, climbing sign structures, directing field teams, training employees for safe working practices, NDT testing of anchor rods, fillet welds and hardware on the existing sign structure. Testing includes the use of Ultrasonic testing, dye penetrant, and magnetic particle testing with various instruments to identify potential deficiencies that the naked eye cannot see.			
08/16 – Ongoing	LaDOTD Underwater Bridge Inspections, Statewide, LA. Bridge inspector for bridges including above-water and underwater components. Responsibilities include measuring sediment depths, identifying new defects, documenting findings with photos, and updating inspection records. Tasks involve operating company vehicles and vessels, performing dives using surface-supplied and SCUBA methods, and assisting with topside inspections. All diving operations are being conducted from company vessels following ADCI safety standards to ensure thorough and safe evaluations. Additional duties include maintaining a strict equipment maintenance schedule per ADCI guidelines, repairing or replacing damaged gear, writing detailed inspection reports, planning field operations, and leading inspection teams in the field.			

Firm employed by Moffatt & Nichol				
Name	Wade Wise		Years of relevant experience with this employer	6
Title	Field Technician III		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			AA / 2011 / General Education	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			SPRAT Level II; NHI Team Leader / Wade will lead field teams in the documentation, rating, and reporting of deficiencies, and perform initial QC reviews of reports. As a certified SPRAT Level II technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/20 – 04/25	LaDOTD Truss Sign Inspection, Statewide. Inspector for the five-year retainer contract to perform over 1,500 routine and interim overhead sign structure inspections throughout Louisiana. Introduced new ancillary structures such as retaining walls. Designed an asset management system to better collect and process the data. Inspections included steel and aluminum welds, high-stress moment connections, and fracture critical elements in accordance with FHWA guidelines.			
04/19 – 04/24	LaDOTD In-Depth Bridge Inspections, Statewide. Inspector for a five-year retainer contract to perform in-depth bridge inspections on complex and movable bridges throughout Louisiana. As a major subconsultant to HNTB, Moffatt & Nichol performed in-depth inspections (fulfilling both routine and fracture critical inspection types) as a quality assurance measure on the district personnel for the Headquarters Bridge Inspection Office. Level III inspections of submerged elements in accordance with the FHWA, BIRM, AASHTO MBE, AASHTO BEIM, and the LaDOTD BIM were required as needed. Bridge types included cantilever trusses, cable-stay bridges, movable swing span bridges, and bascule bridges.			
09/20 – 10/20	Ascend Performance Materials, Waterfront Facility Inspection/Assessment, Pensacola, FL. Diver for a waterfront facility inspection and assessment of a 400-linear-foot dock, revetment, pump intake structure, and outfall structure with a weir. Provided client communication and project updates to the team.			
12/21 – 05/22	Squalicum Pier Rehabilitation, Bellingham, WA. Diver for inspection and rehabilitation of the existing timber pier structure for the City of Bellingham Parks and Recreation. The city had recently acquired the existing pier and retained Moffatt & Nichol to perform an inspection, feasibility study, environmental permitting support, and preliminary engineering design to convert the pier to a public-use facility. Inspections were performed in accordance with ASCE 130 and included inspection Levels I, II, and III.			

Firm employed by Moffatt & Nichol			
Name	Stephanie Athanas, EIT		Years of relevant experience with this employer
Title	Civil Associate		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering	
Active registration number / state / expiration date		EIT19-498-21 / CA / no expiration date	
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		SPRAT Level I / Stephanie will support Team Leaders in the documentation, rating, and reporting of deficiencies, and perform initial QC reviews of reports. As a certified SPRAT Level I technician, she provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 – 04/25	LaDOTD Truss Sign Inspection, Statewide, LA. Civil associate who assisted in completing overhead sign truss inspections throughout Louisiana. Ancillary inspections included steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines. Team performed Level I, II, and III inspections on all assessed signs and completed inspections reports for each location. Level III inspection work included ultrasonic testing on bolted connections, mag particle testing on steel welded connections, and dye penetrant testing on aluminum-welded connections. Performed QA/QC reviews on inspections reports.		
04/23 – 04/24	LaDOTD Underwater Bridge Inspections, Statewide, LA. Civil associate who performed QC reviews and report inputs for underwater reports for over 500 underwater bridge inspections throughout Louisiana. Level I, II, and III inspections of submerged elements were performed in accordance with the FHWA, BIRM, AASHTO MBE, current NBIS requirements and LaDOTD engineering and maintenance directives. Inspections were completed using diving and underwater imaging. Imaging units used include Kongsberg Mesotech MS 1000 and Norbit Winghead i77. Bridge types included movable swing span bridges, bascule bridges, truss bridges, timber stringer bridges, cable-stayed bridges, single and multi-span bridges. Produced underwater acoustic images from data collected from the imaging units. Assisted with managing report scheduling and report writing.		
06/24 – Ongoing	LaDOTD Complex Bridge Inspections, Statewide, LA. Rope access Level I team member for the inspection of in-service bridges throughout Louisiana in accordance with FHWA guidelines. Bridges include the Audubon, Vicksburg, Greater New Orleans Bridges, and the US-190 Huey P. Long Bridge in Baton Rouge. The team perform various NDE including UAV flight operations, mag particle, and ultrasonic testing. Performing QA/QC reviews on inspection reports.		

Firm employed by Moffatt & Nichol				
Name	John Strotheide		Years of relevant experience with this employer	1
Title	Field Technician		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			n/a	
Active registration number / state / expiration date			n/a	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			SPRAT – Level I; Inspection Assistant / John will support Team Leaders in the documentation, rating, and reporting of deficiencies, and perform initial QC reviews of reports. As a certified SPRAT Level I technician, he provides rope access techniques when traditional methods do not accommodate. This enhances the quality, efficiency, and safety of inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/24 – 04/25	LaDOTD Statewide Inventory and Inspection of Sign Trusses, Statewide, LA. Rope access level I technician for the five-year retainer contract who performed weekly team update meetings to coordinate ongoing tasks and project progress. Conducted inspections of signs using rope access techniques in accordance with safety protocols. Responsibilities included participating in team review processes, reviewing inspection reports, and submitting inspector documentation. Additional duties involved inspecting safety and climbing gear for compliance, as well as the removal and installation of signage as needed to ensure structural integrity and visibility.			
06/24 – Ongoing	LaDOTD Complex Bridge Inspections, Statewide, LA. As part of a consulting engineering team, serving as rope access level I technician for the inspection of in-service bridges throughout Louisiana in accordance with FHWA. Bridges include the I-10 Calcasieu Bridge in Lake Charles, Audubon Bridge in St. Francisville, Vicksburg Bridge, I-10 Baton Rouge (Horace Wilkinson), Greater New Orleans bridges, Manchac Bridge, and the US 190 Huey P. Long Bridge in Baton Rouge. The team perform various NDE, including unmanned aerial vehicle flight operations, magnetic particles, structural health monitoring system design and installation, and ultrasonic testing. Perform QA/QC reviews of inspection reports.			

Firm employed by Deep South Communications LLC				
Name	Rhett J. Westerman		Years of relevant experience with this employer	20
Title	President		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			BS / 1983 / Telecommunications	
Active registration number / state / expiration date			n/a	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			Comm Tower Inspector/Design / Rhett will lead field teams in the documentation, reporting of deficiencies, and perform recommended repairs upon LaDOTD approval.	
11/2024-02/2025	LaDOTD Filmore Tower Inspection Project. Inspector. Site visits were coordinated with LaDOTD personnel to conduct a full tower inspection in accordance with TIA standards. While on site, our team climbed the tower and employed a combination of inspection methods, including visual and physical assessments, ultrasound testing, and scoped camera evaluations. We also inspected and corrected guy wire tensions and verified tower plumb and twist using calibrated Dillon tension meters. Following the inspection, we compiled a comprehensive report that included high-resolution photographs, plumb and tension data, and scoped camera footage. Based on our findings, we provided the client with targeted repair recommendations, which included removing unused appurtenances, cleaning the compound, hauling off a damaged shelter, replacing the ground connection at the tower base, and repairing guy anchor grounding. Upon approval, we remobilized to the site to complete all recommended repairs, delivering a turnkey solution that restored the tower to optimal condition.			
11/24 - 02/25	LaDOTD Harrisonburg Tower Inspection Project. Inspector. Site visits were scheduled in coordination with LaDOTD personnel. Our team performed a comprehensive tower inspection in accordance with TIA standards, utilizing a combination of visual and physical assessments, ultrasound testing, and scoped camera evaluations. Guy wire tension, plumb, and twist were also inspected and corrected using calibrated Dillon tension meters to ensure structural integrity. Upon completion of the field inspection, we developed a detailed report that included high-resolution photographs, plumb and tension data, and scoped camera footage. Based on our findings, we provided a set of recommended repairs to address noted deficiencies. For this project, repairs included replacing rusted ground clips on anchors, straightening a misaligned antenna, securing the waveguide per manufacturer specifications, and removing an unused antenna mount. Once approved, we promptly remobilized to the Harrisonburg site to execute the necessary repairs, delivering a complete and timely solution.			
11/24 - 02/25	LaDOTD Monroe Tower Inspection Project. Inspector. Site visits were coordinated with LaDOTD personnel, and a comprehensive tower inspection was conducted in accordance with TIA standards. Inspection methods included visual and physical evaluations, ultrasound testing, and scoped camera assessments. Guy wire tension, as well as tower plumb and twist, were inspected and adjusted using Dillon tension meters to ensure proper alignment and stability. Following the on-site inspection, we compiled a detailed report featuring high-resolution photographs, plumb and tension data, and scoped camera footage. Based on the findings, we provided the client with targeted repair recommendations. For this project, recommended actions included the removal of the tower and its appurtenances, as well as cutting anchor bolts flush with the concrete foundation. Upon approval, our team promptly remobilized to the site and completed all specified work efficiently and in compliance with applicable standards.			

Firm employed by Deep South Communications LLC				
Name	Jeremy Ross		Years of relevant experience with this employer	16
Title	Project Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			n/a	
Active registration number / state / expiration date			n/a	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			Comm Tower Inspector/ Jeremy will lead field teams in the documentation, reporting of deficiencies, and perform recommended repairs upon LaDOTD approval.	
11/24 - 02/25	LaDOTD Filmore Tower Inspection Project. Inspector. Site visits were coordinated with LaDOTD personnel to conduct a full tower inspection in accordance with TIA standards. While on site, our team climbed the tower and employed a combination of inspection methods, including visual and physical assessments, ultrasound testing, and scoped camera evaluations. We also inspected and corrected guy wire tensions and verified tower plumb and twist using calibrated Dillon tension meters. Following the inspection, we compiled a comprehensive report that included high-resolution photographs, plumb and tension data, and scoped camera footage. Based on our findings, we provided the client with targeted repair recommendations, which included removing unused appurtenances, cleaning the compound, hauling off a damaged shelter, replacing the ground connection at the tower base, and repairing guy anchor grounding. Upon approval, we remobilized to the site to complete all recommended repairs, delivering a turnkey solution that restored the tower to optimal condition.			
11/24 - 02/25	LaDOTD Harrisonburg Tower Inspection Project. Inspector. Site visits were scheduled in coordination with LaDOTD personnel. Our team performed a comprehensive tower inspection in accordance with TIA standards, utilizing a combination of visual and physical assessments, ultrasound testing, and scoped camera evaluations. Guy wire tension, plumb, and twist were also inspected and corrected using calibrated Dillon tension meters to ensure structural integrity. Upon completion of the field inspection, we developed a detailed report that included high-resolution photographs, plumb and tension data, and scoped camera footage. Based on our findings, we provided a set of recommended repairs to address noted deficiencies. For this project, repairs included replacing rusted ground clips on anchors, straightening a misaligned antenna, securing the waveguide per manufacturer specifications, and removing an unused antenna mount. Once approved, we promptly remobilized to the Harrisonburg site to execute the necessary repairs, delivering a complete and timely solution.			
11/24 - 02/25	LaDOTD Monroe Tower Inspection Project. Inspector. Site visits were coordinated with LaDOTD personnel, and a comprehensive tower inspection was conducted in accordance with TIA standards. Inspection methods included visual and physical evaluations, ultrasound testing, and scoped camera assessments. Guy wire tension, as well as tower plumb and twist, were inspected and adjusted using Dillon tension meters to ensure proper alignment and stability. Following the on-site inspection, we compiled a detailed report featuring high-resolution photographs, plumb and tension data, and scoped camera footage. Based on the findings, we provided the client with targeted repair recommendations. For this project, recommended actions included the removal of the tower and its appurtenances, as well as cutting anchor bolts flush with the concrete foundation. Upon approval, our team promptly remobilized to the site and completed all specified work efficiently and in compliance with applicable standards.			

Firm employed by Deep South Communications LLC				
Name	Eric Beckman		Years of relevant experience with this employer	8
Title	Construction Manager		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			n/a	
Active registration number / state / expiration date			n/a	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			Comm Tower Inspector / Eric will lead field teams in the documentation, reporting of deficiencies, and perform recommended repairs upon LaDOTD approval.	
01/20 - 02/20	LaDOTD Angola Tower Inspection Project. Inspector. Site visits were coordinated with LaDOTD personnel, during which a full tower inspection was conducted in accordance with TIA standards. Inspection methods included visual and physical evaluations, ultrasound testing, and scoped camera assessments. In addition, guy wire tensions and tower plumb and twist were thoroughly inspected and corrected using calibrated Dillon tension meters. Upon completion of the fieldwork, a comprehensive report was prepared, including high-resolution photographs, plumb and tension data, and scoped camera footage, ensuring clear documentation of all findings.			
04/22 - 06/24	Union Pacific Bloomington Site. Inspector. The project began with the completion of Job Safety Analyses (JSA) and daily tailgate meetings to ensure the crew's safety and alignment with project goals. Detailed daily reports documented all tasks performed. On site, our team executed the full scope of civil and tower infrastructure work, including excavation and installation of underground grounding systems, and burial of conduits for fiber, tower, and gas service to support a standby generator. We received and placed a 10x12 prefabricated equipment shelter, terminated incoming power, and installed both a generator and its transfer switch. A 500-gallon propane tank was set and terminated, followed by testing of the generator to confirm operational readiness. The tower structure was delivered, assembled in sections, and stacked using crane operations. Lines and antennas were installed, tested, and tagged using Anritsu test equipment, with microwave path alignment verified using an Anritsu power meter. We coordinated with Union Pacific personnel to successfully cut over equipment to the new system. The final phase included crane-assisted removal of the legacy tower, including its foundation, shelter, and utilities. A comprehensive closeout report was submitted, which included site photos, a soil compaction report, line and power meter test results, and a detailed record of step-by-step procedures followed throughout the project.			
12/18 - 05/22	Tampnet – Offshore Microwave & Cellular Network. Inspector. Coordinated offshore transportation logistics in collaboration with Tampnet personnel and participated in all required safety meetings and emergency drills upon arrival at the oil platform. Worked alongside Tampnet staff and platform crew to execute cable routing, antenna installation, and system testing at multiple locations throughout the Gulf of Mexico, ensuring compliance with offshore safety standards and operational protocols.			

Firm employed by Engineering Operations LLC			
Name	Samuel Williams, PE		Years of relevant experience with this employer
Title	Team Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MEng / 2010 / Ocean Engineering BS / 2003 / Civil Engineering	
Active registration number / state / expiration date		0036045 / LA / 3/31/2027	
Year registered	2011	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		NHI Team Leader / Sam will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 - Ongoing	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Project Manager and a team leader for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue-prone areas. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines.		
08/20 - Ongoing	LaDOTD Underwater Bridge Inspections, Statewide, LA. Project Manager and an NBIS team leader for this recurring contract to perform underwater bridge inspections throughout Louisiana in accordance with NBIS and AASHTO. eO serves as a sub-consultant role on this contract with Moffatt & Nichol as the prime. The scope includes Level I, II, and III inspections of underwater bridge elements, georeferenced soundings of the channel bottom, and underwater acoustic imaging (UAI) at major crossing and where dive conditions were hazardous. Mr. Williams is responsible for pre-inspection planning, scheduling, fieldwork, inspection reports, and overall quality standards.		
09/18 - Ongoing	Colorado Central I-70 Corridor Design/Inspection Contract (Denver, Colorado). Special access coordinator on the Central 70 project, working closely with the more recent Project Principal, Benjamin Kenney, PE, and Project Manager, Remy Stern, PE, CWI. Our team performed bridge, sign, and tunnel inspections throughout the busy corridor on I-70, just east of downtown Denver, in addition to providing recommendations. Mr. Kenney and Mr. Williams would typically request a list of inspections that were due yearly to dissect what special access may be required for a comprehensive and high-quality inspection. Access challenges on Central 70 were variable, with some situations requiring multi-lane closures, night work, elevated work, lock-out tag-out, railroad access, confined space access and sometimes several of these combined. Mr. Williams always ensured that the team had the right training to perform the work they were being asked to do and had access plans to support their intentions for the inspection. This was principally important concerning railroad work and ensuring the correct approval was obtained to execute inspections within railroad limits.		

Prime consultant name here

01/20 - 01/21	LaDOTD In-Depth Bridge Inspection, Boyce and Simmesport, Statewide, LA. Deputy Project Manager and an NBIS inspector for the inspection of a post-tensioned segmental concrete box girder bridge located in Boyce, LA, and a steel through-truss bridge located in Simmesport, Louisiana. Both inspections were completed in accordance with NBIS and the AASHTO Manual for Bridge Element Inspection. Field work included inspection of the interior of the concrete box girder, requiring confined space access, and inspection of the truss floor system, requiring use of an Under-Bridge Inspection truck (UBIT). Sam was also responsible for documenting bridge condition states and report preparation for both bridges.
01/19 - 01/20	LaDOTD In-Depth Bridge Inspection, St. Francisville and Baton Rouge, LA. Deputy Project Manager and an NBIS inspector for the inspection of the Audubon Bridge in St. Francisville, Louisiana. The Audubon Bridge is a cable-stayed bridge with a main span length of 1,583 feet. Field work consisted of descending along the cables using rope access techniques to inspect the cables for any signs of deterioration. Additionally, Sam served as the Deputy Project Manager and an NBIS inspector for the inspection of the Horace Wilkinson Bridge located in Baton Rouge, LA. The Wilkinson Bridge is a cantilever truss/through truss bridge with a main span length of 1,235 feet. Field work consisted of climbing the truss members using SPRAT rope access techniques to inspect the steel members for any signs of deterioration. Both inspections were completed in accordance with NBIS and the AASHTO Manual for Bridge Element Inspection.
08/22 - Ongoing	Wyoming Department of Transportation (WyDOT) On & Off-System Bridge Inspections, Statewide, WY. Special access coordinator on the Wyoming Department of Transportation Statewide On & Off-System Bridge Inspection contract. He worked with the Project Manager, Benjamin Kenney, PE, to ensure that any structures requiring special access had the correct personnel and the right safety training to perform the work. His role also involved creating access plans and sometimes being on-site to assist with specialty jobs that required rope access techniques or confined space methods. Mr. Williams also joined in to assist the team, typically in the form of a rope access professional, to build a safe practice culture from the inside. Most recently, he participated with the local WYDOT rope access team to perform NSTM inspections on two-girder systems carrying I-90 over the Powder River. This role has been immensely beneficial to our younger team members, who value Mr. Williams' hands-on expertise.
02/25 - Ongoing	Texas Department of Transportation (TxDOT) Off-System Bridge Inspection, Statewide, TX. Team leader for EO's sub-consultant role on this routine inspection project. As a sub-consultant, eO provides routine bridge inspection services (Inspections and Reports) for bridges assigned to eO by the client in accordance with TxDOT's Bridge Inspection Program. Sam leads the team throughout all inspections and in recording all findings on the appropriate standard forms provided by the State and updates the corresponding information in the bridge management software system, Assetwise. Structure types for this project include both bridges and culverts throughout the state of Texas. Inspections also include multiple changeovers of over a half mile long and 100-ft. high.

Firm employed by Engineering Operations LLC				
Name	William Gehry, CBI		Years of relevant experience with this employer	4
Title	Team Leader SPRAT Rope Access		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			SPRAT Level I - #2400504 - Exp. 03/23/27	
Active registration number / state / expiration date			n/a	
Year registered	n/a		Discipline	n/a
Contract role(s) / brief description of responsibilities			SPRAT Level I / William will lead and conduct comprehensive ancillary truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
4/20 - Ongoing	LaDOTD Ancillary Sign Inspections, Statewide, LA. Team leader for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,700 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and free climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. The eO team is also heavily involved in the rewriting of the LaDOTD State Inspection Manual as part of a different task order.			
05/15 - 05/21	FDOT District Two, Districtwide Overhead Structures Inspections, Statewide, FL. Team leader on three cycles of hands-on inspections of 950+ overhead sign structures, 490+ high mast light poles, and 1,000 traffic signal mast arms in 18 counties. Inspections were submitted in Pontis format, as required by FDOT. The Pontis element notes included a description of all deficiencies, probable causes of the deficiencies, required corrective action, and evaluation of corrective action.			
02/22 - Ongoing	Central Florida’s I-4 Ultimate Improvement Project, Multiple locations, FL. Team leader for eOs’ prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida’s most vital transportation artery. The team is responsible for the structural inspection of each and every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.			
08/23 - Ongoing	Florida Turnpike North, Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater), Multiple Locations, FL. Team leader for eOs’ sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQCs, HMLT as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.			

Prime consultant name here

08/20 - Ongoing	LaDOTD Underwater Bridge Inspections, Statewide, LA. Inspector and dive supervisor for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. The eO team was also heavily involved in the rewriting of the LaDOTD State Bridge Inspection Manual.
03/25 - Ongoing	Central Florida Expressway Authority (CFX), Overhead Sign and Traffic Signal Mast Arms Inspections, Statewide, FL. Team leader on this Overhead Signs and TSMA Inspections contract for the Central Florida Expressway Authority (CFX). He preplanned and coordinated with the prime consultant to facilitate a smooth process for the initial inspections that eO performed in November of 2024. He played an integral role during the input and review process to ensure thorough and detailed documentation of findings for the client. He ensured prompt delivery of punch list submittals within 72hrs of the inspections and report submittals within 30 days of inspection to allow the prime consultant to review the reports prior to the 45-day CFX submittal period. Prior to the initial inspection he has been involved in reviews and inputs.
07/19 - Ongoing	FDOT Signal Mast Arm Inspections, District 5, FL. Team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMAs being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
01/21 - Ongoing	FDOT Overhead Sign Inspections, District 4, FL, Team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.

Prime consultant name here

Firm employed by Engineering Operations LLC			
Name	Karl Davis		Years of relevant experience with this employer
Title	Inspector SPRAT Rope Access		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		n/a	
Active registration number / state / expiration date		SPRAT Level I - #2301112 - Exp. 5/5/2026	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		SPRAT Level I / Karl will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/21 - Ongoing	LaDOTD Inventory and Inspection of Sign Trusses, Statewide, LA. Assistant inspector and report technician on eO’s heavily involved sub-consultant role on the Statewide Louisiana LaDOTD Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO’s team leaders to assess structural stability on-site. In the field, Karl assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.		
08/21 - Ongoing	LaDOTD Statewide Underwater Bridge Inspections, Statewide, LA. Inspector and report technician. As part of a five-year retainer contract, eO is a sub-consultant and performs underwater bridge inspections over large waterways and smaller bayous throughout the state of Louisiana. He has assisted in underwater inspections for a wide variety of substructure units of bridges and culverts, including concrete, timber, and steel. Mr. Davis and the eO team has safely performed Level I, II, and III underwater dive inspections while augmenting SONAR technology. On this project, Mr. Davis has utilized every type of diving, including wading, SCUBA, and surface-supplied air techniques. He also played a large role with notes in the field, report creation, as well as report reviews.		
08/23 - Ongoing	Florida Turnpike North, Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater). Inspector for eOs’ sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Throughout the contract, our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.		

Prime consultant name here

Firm employed by Engineering Operations LLC				
Name	Caden D'Aoust		Years of relevant experience with this employer	3
Title	Inspector SPRAT Rope Access		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		n/a		
Active registration number / state / expiration date		SPRAT Level I - #2301113 - Exp. 5/5/2026		
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities		SPRAT Level I / Caden will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/21 - Ongoing	LaDOTD Statewide Inventory and Inspection of Sign Trusses. Assistant inspector and report technician on eO's heavily involved sub-consultant role on the Statewide Louisiana LaDOTD Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or lose moment connections, which often required eO's team leaders to assess structural stability on-site. In the field, Mr. D'Aoust assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.			
08/21 - Ongoing	LaDOTD Statewide Underwater Bridge Inspections. Assistant bridge inspector, report technician, and ADCI commercial diver for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Mr. D'Aoust utilizes commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. During field trips, Mr. D'Aoust photographed inventory and recorded soundings that would be used in the reports. He also has experience with reports on this project as well as MicroStation drawings.			
02/22 - Ongoing	Central Florida's I-4 Ultimate Project. Assistant bridge inspector and report technician for eO's sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQC's, and HMLT, as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing FARC (Feasible Action Review Committee) agendas for the Turnpike.			

Prime consultant name here

Firm employed by Engineering Operations LLC			
Name	Jonathan Ivey, CBI		Years of relevant experience with this employer
Title	Team Leader SPRAT Rope Access Level II		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		SPRAT Level II - #181290 - Exp. 06/23/27	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		SPRAT Level II / Jonathan will serve as a team leader overseeing and conducting sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 - Ongoing	LaDOTD IDIQ Contract for Sign Inspection. Inspector for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,700 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. The eO team is also heavily involved in the rewriting of the LaDOTD State Inspection Manual as part of a different task order.		
02/22 - Ongoing	Central Florida’s I-4 Ultimate Project. Team leader for eO’s role as a prime inspection consultant to perform routine, NSTM, and underwater structural inspections throughout the 21-mile stretch of Central Florida’s most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.		
08/23 - Ongoing	Florida Turnpike North, Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater). Team leader and inspector for eOs’ sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.		
03/15 - Ongoing	FDOT District Five, Traffic Signal Mast Arm Inspections. Team leader for eO’s sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMAs being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw		

Prime consultant name here

	Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
08/20 - Ongoing	LaDOT Statewide Underwater Bridge Inspections Assistant inspector and ADCI commercial diver for eOs' subconsultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. The eO team was also heavily involved in the rewriting of the LaDOTD State Bridge Inspection Manual.
06/18 - 06/23	FDOT District Two, Overhead Sign Inspections. Team leader on approximately 90% of the span structures utilizing rope access techniques and bucket trucks. He was also part of the original team to first start documenting lamellar tear/cracks in the verticals and found several cracks in splice connection welds. Mr. Ivey was involved with emergency and storm response on this project.
02/25 - Ongoing	TxDOT Off-System Bridge Inspections. Team leader and SPRAT rope access technician for eO's role on TxDOT Complex Bridge Inspection contract as a sub-consultant. Our team performed tunnel inspections, inspections of bridges with NSTM, inspection of bridges with complex features, and non-destructive testing techniques of pin and hanger assemblies. Our team has also performed load rating analyses when required.
06/18 - 06/23	FDOT District Three, Districtwide Ancillary Structure Inspections. Team leader for the overhead signs and TSMA contract throughout Florida's District Three. Throughout this contract, he completed storm-related responses in declared disaster zones.
01/22 - Ongoing	FDOT District Four, Overhead Sign Inspections. Team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.

Firm employed by Engineering Operations LLC				
Name	Mike O'Hara, EI		Years of relevant experience with this employer	1
Title	Inspector SPRAT Rope Access Level III		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2017 / Civil Engineering		
Active registration number / state / expiration date		16032 / Montana SPRAT Level III - #190932 - Exp. 03/12/27		
Year registered	2024	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		SPRAT Level III / Mike will serve as a team leader overseeing and conducting sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/23 - 04/25	TxDOT Statewide Routine, Fracture Critical, Ancillary, & Underwater Bridge Inspections. Inspector and SPRAT rope access technician for this contract. He inspected various structures including confined space, NSTM box girders and NSTM trusses. Many of his inspections utilized rope access techniques to fulfill the requirements of hands-on access of the NSTM members in order for him to document growth in steel crack sizes.			
06/19 - 04/24	FDOT Local Government Bridge Inspection Services. Inspector and SPRAT rope access technician to perform two cycles of NBIS bridge inspections for five bridges in the Jacksonville, Florida area. These structures required under bridge vehicles and/or ropes access inspections. Mr. O'Hara prepared field books for inspections and performed field inspections using rope access techniques. He also utilized MicroStation to develop drawings of gusset plates that show detailed section loss. This contract involved noteworthy bridges including: Isaiah David Hart Bridge, 3,844-ft. Steel Cantilever Truss, Dames Point Bridge, 10,646-ft. Cable Stayed, Mathews Bridge, 7,376-ft., Steel Cantilever Truss, Main Street Bridge, 1,680-ft., Through Truss Lift Bridge, and Myrtle Bridge, Tied Arch.			
12/24 - Ongoing	WyDOT Statewide On- & Off-System Bridge Inspections. Team lead to perform NBIS bridge inspections throughout the state of Wyoming. Both on and off-system structures are included in this contract which provides for a large variety in structure type, structure size, types of deficiencies, traffic volumes, and access requirements. His team was tasked with safely and effectively performing inspections on busy interstates through Wyoming's cities as well as low traffic county roads with more antiquated structures. He inspected multiple NSTM structures using rope access methods throughout the state. Due to Wyoming's steel-heavy inventory, Mr. O'Hara and his team have honed in on steel girder inspection methods and common deficiencies found in steel superstructures.			
10/21 - Ongoing	Montana Department of Transportation (MDT), Routine & Timber Inspections. nspector and report technician for this contract. With his team, he performed timber bridge inspections throughout the state of Montana utilizing resistographs to ensure structural integrity. He created draft reports for the field inspections and developed drawings using MicroStation to illustrate findings of decay within the timber bridge members.			

Prime consultant name here

Firm employed by Engineering Operations, LLC			
Name	Taylor White, PE		Years of relevant experience with this employer
Title	Team Leader		6
		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / 2010 / Civil Engineering	
Active registration number / state / expiration date		0045154 / Louisiana / 3/31/2025	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Inspection Assistant / Taylor will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/20 - Ongoing	LaDOTD Statewide Inventory and Inspection of Sign Trusses. Team leader for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines.		
08/23 - Ongoing	Florida Turnpike North, Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater). Engineer-of-Record and a team leader for eO’s sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike Enterprise. Mr. White was also a team leader on this contract for several cycles prior to joining eO.		
08/20 - Ongoing	LaDOT Statewide Underwater Bridge Inspections. Team leader on eO’s sub-consultant role for this recurring contract. eO personnel perform as both dive supervisors and dive inspectors, providing the experience required to perform successful dive operations in the Mississippi River and ensure the safety of the inspection team. High flow and limited visibility conditions are routinely encountered as the team safely performs Level I, II, and III underwater dive inspections. Inspections are augmented with sonar technology in accordance with the National Bridge Inspection Standards (NBIS). As a team leader, Mr. White is responsible for ensuring the safety of divers while performing NBIS inspections that include tidal and riverine conditions with varying levels of current, minimal visibility, and significant debris buildup.		
02/22 - Ongoing	Florida’s I-4 Ultimate Improvement Project. Project Principal for this contract. eO was selected as the primary inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida’s most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. eO inspectors perform		

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	thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.
07/20 - Ongoing	FDOT District Five, Traffic Signal Mast Arm Inspections. Project Manager and team leader or eO's sub-consultant role on this project for two consecutive cycles of this project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
01/20 - Ongoing	FDOT District Four, Overhead Sign Inspections. Project Manager and team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.
09/18 - Ongoing	Colorado Central I-70 Corridor Design/Inspection Contract (Denver, Colorado). Project Principal for eO on the Central 70 project, which included sign, bridge, and tunnel inspections as well as recommendations. Our team performed bridge, sign, and tunnel inspections throughout the busy corridor on I-70, just east of downtown Denver, in addition to providing recommendations. Mr. Kenney and Mr. Williams would typically request a list of inspections that were due yearly to dissect what special access may be required for a comprehensive and high-quality inspection. Access challenges on Central 70 were variable, with some situations requiring multi-lane closures, night work, elevated work, lock-out tag-out, railroad access, confined space access and sometimes several of these combined. Mr. Williams always ensured that the team had the right training to perform the work they were being asked to do and had access plans to support their intentions for the inspection. This was principally important concerning railroad work and making sure that the correct approval had been obtained to execute inspections within railroad limits.
10/19 - Ongoing	Colorado Department of Transportation (CDOT) On & Off-System Bridge Inspections. Project Principal. This project was originally scoped for off-system structures only, yet as a result of our success on this project our team began performing both on and off-system inspections statewide as a prime consultant for CDOT. In addition to contracting responsibilities, Mr. White performed QAQC reviews for a percentage of all structures, with a focus on poor rated bridges. eO is the prime consultant for this project performing routine, in-depth, and NSTM inspections including through-girder, cable-stayed, arches, and through trusses throughout the northern region of the state. Mr. White was also involved with the safety and access considerations for these structures, which included the use of SPRAT certified inspectors using rope access and/or bucket trucks to gain hands-on access to NSTM members. As the project developed and inspectors began to move into managerial positions, Mr. White helped transition Benjamin Kenney from Project Manager into the Project Principal role with Aaron Richardson stepping into the Project Manager role.

Prime consultant name here

Firm employed by Engineering Operations LLC			
Name	Kyle Rankin, CBI		Years of relevant experience with this employer
Title	Team Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		n/a	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Inspection Assistant / will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/20 - Ongoing	LaDOT Statewide Inventory and Inspection of Sign Trusses. Team leader for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines.		
02/22 - Ongoing	Florida’s I-4 Ultimate Improvement Project. Team leader for eO’s prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida’s most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors performed thorough inspections, produced detailed findings reports, updated structure inventory details, made repair recommendations, and produced Feasible Action Review Committee (FARC) agendas for FDOT District Five.		
08/23 - Ongoing	Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine and Underwater). Team leader for eO’s sub-consultant role on this project, which included both routine and underwater inspections throughout the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, and HMLT, as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.		
03/25 - Ongoing	CFX Systemwide Overhead Sign & Traffic Signal Mast Arms Inspections. Team leader on this Overhead Signs and TSMA Inspection contract for the Central Florida Expressway Authority (CFX). He conducted thorough initial inspections of structural foundations, ensuring compliance with structural standards. Mr. Rankin also led the evaluations of base plates and connections to identify potential issues and verify proper installation. Him and his team inspected moment connection plates and splice plates for structural integrity and alignment. Mr. Rankin provided assessments of vertical columns and horizontal members and produced thorough documentation of findings through detailed reports to support safety and maintenance recommendations submitted to the client.		

Prime consultant name here

01/20 - Ongoing	FDOT District Four, Overhead Sign Inspections. Team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.
09/18 - Ongoing	Colorado Central I-70 Corridor Design/Inspection Contract (Denver, Colorado). Team leader for eO's prime role on this contract which includes inspections of signs, bridges, and tunnels. The project is revamping a ten-mile stretch of roadway that sees high average daily traffic between Denver and the Denver International Airport. The team is responsible for initial, routine, NSTM, and special/damage inspections within the corridor. Inspections on this project require extensive pre-planning to develop MOT plans and facilitate a smooth and safe inspection process while minimizing impact on traffic. Unique to this project is the centerpiece of the corridor, which is a 1000-ft. complex tunnel. eO has been heavily involved in the commissioning process for all the mechanical, electrical, fire, and life safety systems, collecting data and witnessing testing to piece together the initial inspection report for this structure in accordance with FHWA and CDOT standards.
07/20 - Ongoing	FDOT District Five, Traffic Signal Mast Arm Inspections. Team leader for eO's sub-consultant role on this project for two consecutive cycles of this project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
08/20 - Ongoing	LaDOTD Underwater Bridge Inspection. Team leader and dive supervisor for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. The eO team is also heavily involved in the rewriting of the LaDOTD State Bridge Inspection Manual.

Prime consultant name here

Firm employed by Engineering Operations			
Name	Connor Kenney, CBI		Years of relevant experience with this employer
Title	Team Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		-	
Active registration number / state / expiration date		-	
Year registered	-	Discipline	-
Contract role(s) / brief description of responsibilities		Mr. Kenney will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20-Ongoing	Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses Mr. Kenney is an inspector for eO’s second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines.		
02/22-Ongoing	Central Florida’s I-4 Ultimate Project Mr. Kenney is a team leader for eO’s role as a prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida’s most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.		
08/23-Ongoing	Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) Mr. Kenney is a team leader and inspector for eOs’ sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.		
07/19-Ongoing	Florida Department of Transportation: District Five – Traffic Signal Mast Arm Inspections Mr. Kenney is a team leader for eO’s sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with		

Prime consultant name here

	District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
01/20-Ongoing	Florida Department of Transportation: District Four – Overhead Sign Inspections Mr. Kenney is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.
08/20-Ongoing	Louisiana Department of Transportation: Statewide Underwater Bridge Inspections Mr. Kenney is a team leader and ADCI commercial diver for eOs' subconsultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines.
07/21-01/24	Arkansas Department of Transportation: Statewide Underwater Bridge Inspections Mr. Kenny is an ADCI commercial diver and report technician on this project. eO is the sole prime consultant; the project includes underwater inspections, sonar imaging, and swift water diving. Also included is the inspection of State Road 12, requiring diving over 120-ft. Inspections on this project require the use of commercial surface-supplied air and SCUBA diving.
01/19-Ongoing	Florida Department of Transportation: District Five - Statewide Bridge Routine and Underwater Inspections Mr. Kenney is a team leader and diver on this project and oversees the inspections of structures district-wide for FDOT District Five, which include both routine and underwater inspections. These inspections include routine, topside, culverts, substructures, fender systems, embankment bulkhead/retaining walls, and channel bottoms. This contract requires the preparation of detailed engineering reports with drawings and underwater photographs documenting existing conditions at each bridge. These inspections are based on the NBIS requirements and are documented in accordance with FDOT and FHWA guidelines. Both commercial SCUBA diving and surface-supplied air diving methods are used on this project.
08/22-08/24	THEA Bridge Inspections Mr. Kenney was a team leader for eO's sub-consultant role for the Tampa Hillsborough Expressway Authority (THEA). The team conducted underwater bridge inspections across its four facilities in Hillsborough County: the Selmon Expressway, the Brandon Parkway, Meridian Avenue, and the Selmon Greenway. Mr. Kenney and his team have performed 8 underwater inspections, including emergency response inspections for two structures and their scour following Hurricane Helene in 2024 for which our team compared pre- and post-storm channel data to ensure that the structures had not been compromised by changes in the riverbed. Inspections on this contract required the use of advanced commercial dive techniques. This project was essential for ensuring the safety and structural integrity of bridges on these vital roadways.

Firm employed by Engineering Operations LLC			
Name	Grace Mauberret, PE		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2020 / Civil Engineering	
Active registration number / state / expiration date		00498009 / Louisiana / 09/30/25	
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Inspection Assistant / Grace will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/24 - Ongoing	Florida Turnpike North, Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater). Team Lead for eOs’ sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQCs, HMLT as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.		
08/24 - Ongoing	South Carolina Department of Transportation (SCDOT), Underwater Bridge Inspections. Report technician , supporting our inspection team by assisting with the documentation and data entry of underwater and in-depth timber bridge inspections into the AASHTOWare Bridge Management (BrM) system. She played a key role in reviewing inspection findings, contributing to both team and supervisor reviews to ensure accuracy and completeness of reports. Her responsibilities also included implementing corrections and updates based on feedback, helping to maintain the quality and consistency of deliverables. Through this project, she gained valuable experience with BrM software, timber structure assessments, and the reporting standards required by SCDOT for underwater inspections.		
08/24 - Ongoing	FDOT District Three, Local Government Bridge Inspections. Assistant inspector for eO’s sub-consultant role on this project, which consists of district-wide structure inspections for FDOT District Three (both routine and underwater). She also contributed to efforts for report creation and drawings. These inspections include routine topside, culverts, substructures, fender systems, embankment bulkhead/retaining walls, and channel bottoms. Preparation of detailed engineering reports with drawings and underwater photographs documenting existing conditions at each bridge is required on this contract. Each inspection performed is based on the NBIS requirements and documented in accordance with FDOT and FHWA guidelines.		
06/20 - 07/24	Mississippi Water System & Sanitary Sewer Design and Management. Involved in the planning, design, and construction management of municipal water and sanitary sewer infrastructure projects across several jurisdictions, including the City of Hattiesburg, City of Petal, and the Rawls Springs Utility District. Her responsibilities included designing sanitary sewer systems and performing hydraulic modeling and analysis of water distribution networks to ensure efficiency, compliance, and capacity for future development. She contributed to the preparation of construction documents, coordinated with local agencies and utility providers, and monitored project execution to maintain schedule and budget goals.		

Prime consultant name here

Firm employed by Engineering Operations LLC				
Name	Lucas Waldron		Years of relevant experience with this employer	2
Title	Inspector		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2023 / Mechanical Engineering	
Active registration number / state / expiration date			n/a	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			Inspection Assistant / Lucas will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/23 - Ongoing	LaDOTD Statewide Inventory and Inspection of Sign Trusses. Assistant inspector and report technician on eO’s heavily involved sub-consultant role on the Statewide Louisiana (LaDOTD) Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or lose moment connections, which often required eO’s team leaders to assess structural stability on-site. In the field, Mr. Waldron assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.			
08/23 - Ongoing	Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater). Inspector for eOs’ sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike’s North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Mr. Waldron assisted in the inspection process for the routine inspections on several Turnpike structures. He photographed inventory and defects whenever possible. Lastly, He maneuvered the bucket truck so that the team leader could access difficult-to-reach positions. Throughout the contract, our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.			
08/23 - Ongoing	LaDOTD Statewide Underwater Bridge Inspections. Inspector for eO’s sub-consultant role on this project. As part of a five-year retainer contract, eO performs underwater bridge inspections over large waterways and smaller bayous throughout the state of Louisiana. The team has safely performed Level I, II, and III underwater dive inspections while augmenting SONAR technology. Our team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. During field trips, Mr. Waldron photographed inventory photos and recorded soundings that would be used in the reports. He modeled a large percentage of drawings for the reports, this includes the initial and final drawings. Lastly, he created the initial report, did the corrections, and input them into InspectX.			

Prime consultant name here

Firm employed by Engineering Operations LLC			
Name	Jacob Snipes, EI		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2021 / Mechanical Engineering	
Active registration number / state / expiration date		NCEE S ID: 22-282-72 / North Carolina EI	
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Inspection Assistant / Jacob will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/24 - Ongoing	LaDOTD Statewide Inventory and Inspection of Sign Trusses. Assistant inspector and report technician on eO’s heavily involved sub-consultant role on the Statewide Louisiana LaDOTD Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO’s team leaders to assess structural stability on-site. In the field, Mr. Snipes assisted our team leaders and inspected sign trusses for new deficiencies. He also marked and photographed previously noted defects.		
08/24 - Ongoing	LaDOTD Underwater Bridge Inspections. Assistant bridge inspector, ADCI diver and report technician for eO’s sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Our team utilizes commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LaDOTD and FHWA guidelines. During field trips, Mr. Snipes photographed inventory and recorded soundings that would be used in the reports. He worked closely alongside eO’s Southeast director and the Project Manager, Samuel Williams, PE, in addition to key inspectors, Caden D’Aoust and Karl Davis. In the office, he has experience with reports on this project as well as MicroStation drawings.		
02/24 - 12/24	MDOT IDIQ Statewide Underwater Bridge Inspections. Report technician on this contract for the Mississippi Department of Transportation. He played a large role in report creation and defect sketch drawings, as well as report and drawing reviews, utilizing both Open Roads and MicroStation. He helped package the drawings with fielding photos and fielding information to generate official bridge inspection reports. After the reports were created, Mr. Snipes contributed to our internal QAQC process, which entailed checking and correcting the reports before they were officially submitted.		

Prime consultant name here

17. Firm Experience:

Firm name	Moffatt & Nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	LaDOTD Inspection of Sign Trusses, TO 01		Firm responsibility (prime or sub?)	Prime
Project number	H.011331.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide Louisiana		Owner's Project Manager	Laura Gibson, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802; 225.405.2253; laura.gibson@la.gov			
Services commenced by this firm (mm/yy)	04/20	Total consultant contract cost (\$1,000's)		\$1,589
Services completed by this firm (mm/yy)	04/22	Cost of consultant services provided by this firm (\$1,000's)		\$1,295

LaDOTD Inventory and Inspection of Sign Trusses program includes approximately 1,550 ancillary highway structures that require inspection. For the second consecutive 5-year retainer contract, Moffatt & Nichol continued to lead the inventory and inspections of existing and new structures. 2,125 inspections were completed during the first task order of this project. The breakdown is as follows: Initial (62), routine (811), special (167), damage (1,054), and removed (31). This task order involved several hurricane damage inspections.

Inspections included non-destructive testing of the structures, such as steel and aluminum welds, high-stress moment connections, and other fatigue-prone details with deficiencies and evaluated defects found during testing. Structure configurations consist of bridge and cantilever signs with drilled shafts, pile-supported footings, or bridge-mounted foundations. An ultrasonic flaw detector was used to examine the anchor rods for fractures or partial fractures. Rope access techniques were used to safely access foundations and trusses, eliminating traffic interruptions and conserving costs. Most of the structures are aluminum box trusses susceptible to fatigue cracking.

All significant structural impacts, anomalies, and deficiencies encountered during inspections were identified and provided to LaDOTD District personnel and the project manager upon finding. This timely approach assists with our mission to maintain safe roadways with minimal interruptions to the traveling public.

Traffic control plans were developed for 41 structures requiring lane closures and approved by the local district offices. Moffatt & Nichol's inspectors, who are American Traffic Safety Services Association-certified technicians and an expert traffic control company, assisted with the safe temporary lane closures on the highways.

The inspections were all performed in accordance with the standards of the American Association of State Highway and Transportation Officials and the Federal Highway Administration.

Key Team Members: Jonathan Hird, Chace Hulon, Jeffrey Gazarek, Matt Balzarini, Chip Eschenbach

RELEVANCE TO LADOTD

- ✓ Project Experience & Program Support
- ✓ Visual Weld Inspection
- ✓ Fatigue Prone Details
- ✓ Non-Destructive Testing
- ✓ Rope Access & Fall Protection
- ✓ Work Zone Safety & TTC Management
- ✓ Database Development & Management



Firm name	Moffatt & Nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	LaDOTD Inspection of Sign Trusses, TO 02		Firm responsibility (prime or sub?)	Prime
Project number	H.011331.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide Louisiana		Owner's Project Manager	Laura Gibson, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802; 225.405.2253; laura.gibson@la.gov			
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)		\$2,168
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)		\$1,929

LaDOTD Inventory and Inspection of Sign Trusses program includes approximately 1,550 ancillary highway structures that require inspection. For the second consecutive 5-year retainer contract, Moffatt & Nichol continued to lead the inventory and inspections of existing and new structures. 871 inspections were completed during the second task order of this project. The breakdown is as follows: Initial (73), routine (479), special (179), damage (75), removed (65). This task order involved hurricane damage inspections.

Inspections included non-destructive testing of the structures, such as steel and aluminum welds, high-stress moment connections, and other fatigue-prone details with deficiencies and evaluated defects found during testing. Structure configurations consist of bridge and cantilever signs with drilled shafts, pile-supported footings, or bridge-mounted foundations. An ultrasonic flaw detector was used to examine the anchor rods for fractures or partial fractures. Rope access techniques were used to safely access foundations and trusses, eliminating traffic interruptions and conserving costs. Most of the structures are aluminum box trusses susceptible to fatigue cracking.

All significant structural impacts, anomalies, and deficiencies encountered during inspections were identified and provided to LaDOTD District personnel and the project manager upon finding. This timely approach assists with our mission to maintain safe roadways with minimal interruptions to the traveling public.

Traffic control plans were developed for 41 structures requiring lane closures and approved by the local district offices. Moffatt & Nichol's inspectors who are American Traffic Safety Services Association-certified technicians along with an expert traffic control company assisted with the safe temporary lane closures on the highways.

The inspections were all performed in accordance with the standards of the American Association of State Highway and Transportation Officials and the Federal Highway Administration.

Key Team Members: Jonathan Hird, Chace Hulon, Jeffrey Gazarek, Matt Balzarini, Chip Eschenbach, Michael Russell, Brian Corcoran, Michael Franco

RELEVANCE TO LADOTD

- ☒ Project Experience & Program Support
- ☒ Visual Weld Inspection
- ☒ Fatigue Prone Details
- ☒ Non-Destructive Testing
- ☒ Rope Access & Fall Protection
- ☒ Work Zone Safety & TTC Management
- ☒ Database Development & Management



Firm name	Moffatt & Nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	LaDOTD Complex Bridge Inspection		Firm responsibility (prime or sub?)	Prime
Project number	H.009730.5, Task 03	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide Louisiana		Owner's Project Manager	Stephanie Doolittle, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802; 225-379-1329; stephanie.doolittle@la.gov			
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)		\$470
Services completed by this firm (mm/yy)	12/24	Cost of consultant services provided by this firm (\$1,000's)		\$260

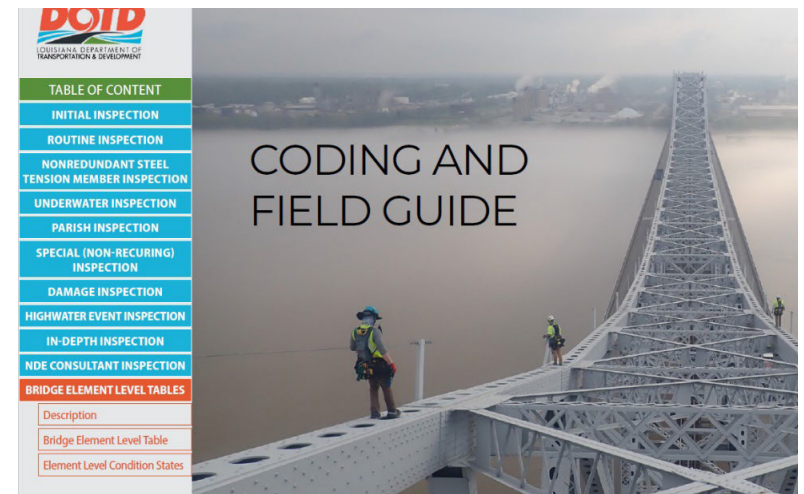
M&N is part of a team responsible for performing bridge inspection of complex structures statewide utilizing an indefinite delivery/indefinite quantity contract. Structure types include cantilever trusses, cable-stayed bridges, steel vertical lift bridges, and plate girder bascule bridges. Tasks include providing bridge inspections, SPRAT/rope access, underwater inspections, bridge ratings, categorization and documentation of bridge assets, and the development of the LaDOTD Bridge Inspection Manual and the Coding and Field Guide. All statewide inspections of in-service bridges throughout Louisiana are performed in accordance with Federal Highway Administration guidelines. Representative tasks include the following. The comprehensive in-depth reports included a detailed summary of the rope access inspection methodology, inspection findings of current conditions and noted deficiencies, field notes, and photographs.

M&N developed major updates to the manual, including off-system directives, to support the creation of a new Bridge Load Rating Manual and a new Coding and Field Guide. A team of subject matter experts contributed to the development and reviews at periodic milestones. M&N collaborated with the LaDOTD staff throughout the development to manage expectations and maintain direction. In-person progress meetings occurred monthly that included facilitating various District Bridge Engineers throughout the state. The manual is compliant with the NBIP Program (23 Metrics and the 3 New Metrics). The manual is thoughtfully organized systemically and interactively with an appendix to store all vital updated forms for the Bridge Inspection Program. The Load Rating Manual will be the final development task and complement the other documents in content and format. The Coding and Field Guide is uniquely designed for a seamless navigation experience. Following delivery, acceptance, and publishing, a training module will be designed and delivered to all LaDOTD District personnel. M&N has been retained for five years to provide annual updates as needed.

Key Team Members: Chace Hulon, Bryan Tyson, Heidi Kuntz, Wade Wise, Chip Eschenbach

RELEVANCE TO LADOTD

- ✓ IDIQ Retainer Contract
- ✓ Program Support
- ✓ Visual Weld Inspections
- ✓ Fatigue Prone Details
- ✓ Nondestructive Testing
- ✓ Access and Fall Protection
- ✓ Work Zone Safety & TTC Management
- ✓ UAS Drone & Modeling
- ✓ Electronic Data Collection Workflow



Firm name	Moffatt & Nichol		Past Performance Evaluation Discipline(s)*	Planning
Project name	Louisiana Statewide Marine Transportation System Master Plan		Firm responsibility (prime or sub?)	Prime
Project number	DOTLT1000330	Owner's name	Louisiana Department of Transportation and Development / Louisiana Transportation Research Center	
Project location	Statewide Louisiana		Owner's Project Manager	Elisabeth Mitran
Owner's address, phone, email	4101 Gourrier Avenue, Baton Rouge, LA 70808; 225-767-9129; elisabeta.mitran@la.gov			
Services commenced by this firm (mm/yy)	01/20	Total consultant contract cost (\$1,000's)		\$284
Services completed by this firm (mm/yy)	11/22	Cost of consultant services provided by this firm (\$1,000's)		\$225

LaDOTD Office of Multimodal Commerce (OMC) selected M&N to develop a comprehensive, Statewide Waterways Transportation System Plan capable of layering into the State's Transportation Master Plan.

As part of the plan, M&N completed the following steps:

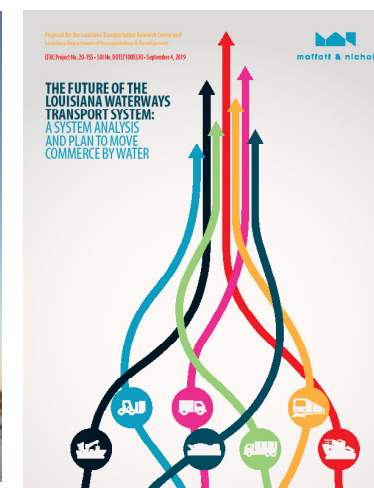
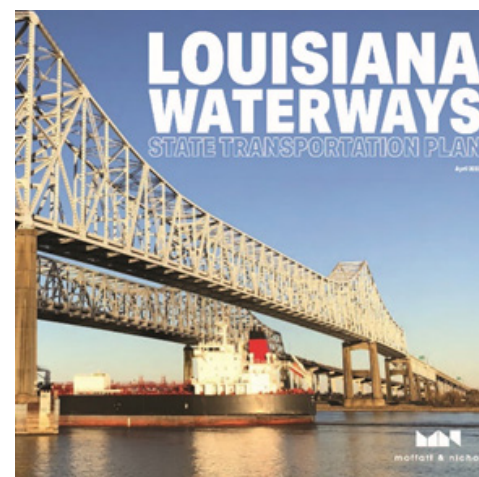
- ✓ Identified the type and value of waterborne commerce.
- ✓ Analyzed and documented the impact and importance of waterborne commerce.
- ✓ Identified the improvements needed to achieve greater utilization of waterways.
- ✓ Identified opportunities for relieving multimodal bottlenecks relative to waterways.
- ✓ Identified landside bottlenecks where transportation of commerce on a nearby waterway would reduce road congestion
- ✓ Developed a draft Waterways Transportation Plan that can be included in the Louisiana Statewide Transportation Plan.

The study area geographically focused on the State of Louisiana's inland waterway system, coastal waterways, and deep draft waterways. This program of study sponsored a dedicated, port-specific, customized survey designed to solicit waterways-user generated information that can best assist LaDOTD in understanding Louisiana's waterborne commerce community conditions relative to the waterways and to generate perspectives on recommended future improvements to commerce and infrastructure. Individual stakeholder interviews were conducted to perform high-level SWOT Analyses with a comprehensive analysis of these port surveys, economic impact survey, and key industry sector and automatic identification system (AIS) source data identified a list of projects that could potentially increase economic throughput of the waterways within their jurisdictions. These projects were evaluated and recorded within the project sponsored web-based GIS repository for the relevant data in the project sponsored development of the Louisiana Waterways Analysis Tool Evaluating Regional Systems (LA WATERS) platform, including Order of Magnitude construction costs.

Key Team Members: Jonathan Hird, Chace Hulon

RELEVANCE TO LADOTD

- ✓ Asset Management
- ✓ LaDOTD IDIQ Contract
- ✓ Database Development & Management
- ✓ ArcGIS



Firm name	Moffatt & Nichol		Past Performance Evaluation Discipline(s)*	Road
Project name	Emergency Sign Inspections at NOLA Airport		Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Traffic Commander, LLC	
Project location	New Orleans, LA		Owner's Project Manager	Maddie Commander
Owner's address, phone, email	3200 N. Turnbull Dr., Metairie, LA 70002; 504-416-944; maddie@trafficcommander.com			
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)		\$50
Services completed by this firm (mm/yy)	09/22	Cost of consultant services provided by this firm (\$1,000's)		\$50

Traffic Commander requested M&N to perform emergency damage inspections for sixty-two sign structures in the aftermath of Hurricane Ida, as part of a larger ongoing repair project. These inspections were completed by the M&N team within a two-week period of the request.

Inspections included non-destructive testing of the structures, such as steel and aluminum welds, high-stress moment connections, and other fatigue-prone details with deficiencies and evaluated defects found during testing. Structure configurations consist of bridge and cantilever signs with drilled shafts, pile-supported footings, or bridge-mounted foundations. An ultrasonic flaw detector was used to examine the anchor rods for fractures or partial fractures. Rope access techniques were used to safely access foundations and trusses, eliminating traffic interruptions and conserving costs. Most of the structures are aluminum box trusses susceptible to fatigue cracking.

All significant structural impacts, anomalies, and deficiencies encountered during inspections were identified and provided to Traffic Commander personnel and the project manager upon finding. This timely approach assists with our mission to maintain safe roadways with minimal interruptions to the traveling public.

This project highlights the ability of M&N to successfully respond to emergency requests in a timely manner while maintaining safety and quality control.

The inspections were all performed in accordance with the standards of the American Association of State Highway and Transportation Officials and the Federal Highway Administration.

Key Team Members: Chace Hulon, Jonathan Hird

RELEVANCE TO LADOTD

- ☒ Project Experience & Program Support
- ☒ Visual Weld Inspection
- ☒ Fatigue Prone Details
- ☒ Non-Destructive Testing
- ☒ Rope Access & Fall Protection
- ☒ Work Zone Safety & TTC Management
- ☒ Database Development & Management



Firm name	Engineering Operations LLC		Discipline(s)*		Other (Structure/Sign)	
Project name	Inventory and Inspection of Sign Trusses – TO 1 (2020-2025)			Firm responsibility (prime or sub?)		Sub
Project number	4400017089	Owner's name	Louisiana Department of Transportation and Development			
Project location	Statewide Louisiana			Owner's Project Manager	Hayley Brown, PE	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, Louisiana hayley.brown@la.gov 225.379.1500					
Services commenced by this firm (mm/yy)		04/20	Total consultant contract cost (\$1,000's)			\$275
Services completed by this firm (mm/yy)		04/25	Cost of consultant services provided by this firm (\$1,000's)			\$275

eO was heavily involved in a sub-consultant role on Task Order 1 of the 2020-2025 Statewide Louisiana LaDOTD Sign Inspection Contract. Most of the structures were four-chord cantilever and overhead sign support structures, which eO inspected utilizing bucket trucks and climbing access techniques. Many of the sign structures were inspected in the aftermath of Hurricanes Harvey and Laura and had been exposed to high-wind events, which required the expertise of some of our most experienced sign inspectors. Almost all signs in this region were found to have several, and many had numerous, cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required our team leaders to assess structural stability on-site. For all inspections, eO completed a thorough visual inspection and utilized non-destructive testing as needed to verify the severity of structural defects. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Radio headsets were utilized to relay inspection findings to the inspector on the ground and all deficiencies were marked with high visibility flagging tape to ensure correct identification of each failed member. Our inspectors tested the anchor bolts for all cantilever structures with our Dakota DF-7 flaw detector. This ultrasonic testing equipment has straight beam and phased array capability, however, for the scope of this particular contract, our inspectors predominantly used straight beam flaw detection. When required, eO inspectors performed minor maintenance to further ensure the safety of the traveling public. As with all our contracts, our inspectors repainted all faded or missing structure numbers with stencils and weather-resistant spray paint.

Personnel Involved: Connor Kenney, Bill Gehry, Luis Andrion, Taylor White, Kyle Rankin

Firm name	Engineering Operations LLC		Discipline(s)*		Bridge	
Project name	Inventory and Inspection of Sign Trusses – TO 2 (2020-2025)				Firm responsibility (prime or sub?)	sub
Project number	4400017089	Owner’s name	Louisiana Department of Transportation and Development (LaDOTD)			
Project location	Statewide Louisiana			Owner’s Project Manager	Hayley Brown, PE	
Owner’s address, phone, email	1201 Capitol Access Rd., Baton Rouge, Louisiana hayley.brown@la.gov 225.379.1500					
Services commenced by this firm (mm/yy)		09/22	Total consultant contract cost (\$1,000’s)			\$198
Services completed by this firm (mm/yy)		04/25	Cost of consultant services provided by this firm (\$1,000’s)			\$198

eO is currently performing in a heavily involved sub-consultant role on Task Order 2 of the 2020-2025 Statewide Louisiana LaDOTD Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing bucket trucks and climbing access techniques. For all inspections, eO completed a thorough visual inspection and utilized non-destructive testing as needed to verify the severity of structural defects. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Radio headsets were utilized to relay inspection findings to the inspector on the ground and all deficiencies were marked with high-visibility flagging tape to ensure correct identification of each failed member. Our inspectors tested the anchor bolts for all cantilever structures with our Dakota DF-7 flaw detector. This ultrasonic testing equipment has straight beam and phased array capability, however, for the scope of this particular contract, our inspectors predominantly used straight beam flaw detection. When required, eO inspectors performed minor maintenance to further ensure the safety of the traveling public. As with all our contracts, our inspectors repainted all faded or missing structure numbers with stencils and weather-resistant spray paint.

Key Team Members: Sam Williams, Connor Kenney, Lucas Waldron, Karl Davis, Caden D'Aoust, Kyle Rankin and Jacob Snipes

Firm name	Engineering Operations LLC		Discipline(s)*		Bridge	
Project name	Florida Turnpike North – Bridge, Sign, LNQC, & HMLT Inspections				Firm responsibility (prime or sub?)	sub
Project number	19269317201	Owner’s name	Turnpike Enterprise			
Project location	Statewide Florida			Owner’s Project Manager	Aran Lessard, PE	
Owner’s address, phone, email	Mile Post 65, Florida’s Turnpike Operations Center, Pompano Beach FL 33069 aran.lessard@dot.state.fl.us 954.934.1234					
Services commenced by this firm (mm/yy)		08/23	Total consultant contract cost (\$1,000’s)			\$800
Services completed by this firm (mm/yy)		Current	Cost of consultant services provided by this firm (\$1,000’s)			\$367

eO is currently performing as a sub-consultant for this project, which includes inspections throughout the Florida Turnpike's Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike Enterprise. Similar to Louisiana, these structures are also subject to high wind events. Climbing techniques are utilized to ensure our inspectors are hands-on with all members to identify any cracked, fractured, loose, or corroded sign, structural, or incidental member. Our inspectors tighten loose bolts for moment connections, sign connections, and spliced members with wrenches that are safely tied off to their utility belts with high strength paracord. All tightened hardware is described in the inspection report with an identifying location per FDOT labeling convention. Any loose hardware unable to be tightened is provided a maintenance recommendation in the inspection report. Our inspectors need to be particularly experienced for this contract as a variety of sign member types and sizes are included throughout the turnpike, including cantilever and overhead monotube, tri-chord, four-chord, and toll road gantry structures. As part of the bridge inspections on this contract, our team also inspects bridge mounted sign structures, which are often attached to the structure's girders, deck, or barriers.

Key Team Members: Bill Gehry, Connor Kenney, Karl Davis, Jonathan Ivey, Taylor White, Kyle Rankin, Grace Mauberret, and Lucas Waldron

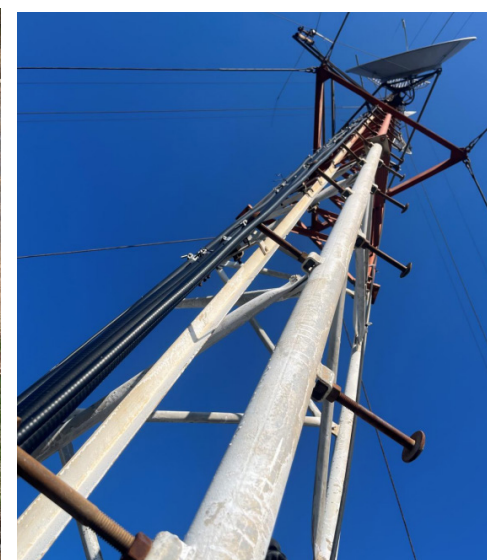
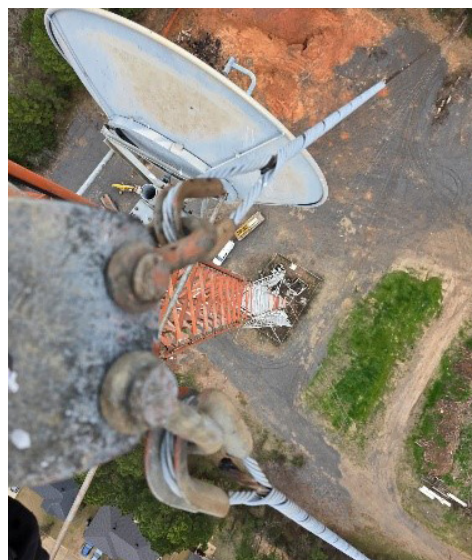
Firm name	Deep South Communications		Discipline(s)*	ITS	
Project name	Filmore Tower Inspection and Repair			Firm responsibility (prime or sub?)	Prime
Project number	AS2677	Owner's name	Louisiana DOTD		
Project location	Hwy 79, Haughton, LA 71037			Owner's Project Manager	Roy Esteven
Owner's address, phone, email	1212 E Highway Dr, Baton Rouge, LA 70802; 225-379-2527; Roy.Esteven@la.gov				
Services commenced by this firm (mm/yy)	02/25	Total consultant contract cost (\$1,000's)			\$24
Services completed by this firm (mm/yy)	02/25	Cost of consultant services provided by this firm (\$1,000's)			\$22

Deep South Communications, LLC has extensive experience performing tower inspections across multiple projects and years, with a strong focus on communication towers. For the Filmore Tower project, we coordinated closely with LaDOTD personnel to schedule site visits and conducted a comprehensive inspection in accordance with TIA standards. Our inspection methods included visual and physical assessments, ultrasound testing, and scoped camera evaluations. We also assessed and corrected guy wire tension, plumb, and twist using Dillon tension meters to ensure structural integrity.

Following fieldwork, we compiled a detailed inspection report that included high-resolution photographs, plumb and tension data, and scoped camera footage. Each inspection is guided by our internal, standardized checklist to ensure consistency and thoroughness. In addition to reporting findings, we provide clear, actionable repair recommendations. For the Filmore Tower, our recommendations included removal of unused appurtenances, site clean-up, disposal of a damaged shelter, replacement of the ground connection at the tower base, and repair of guy anchor grounding.

Upon client approval, Deep South Communications remobilized to the site and completed all recommended repairs.

Key Team Members: Rhett Westerman, Jeremy Ross, Eric Beckman



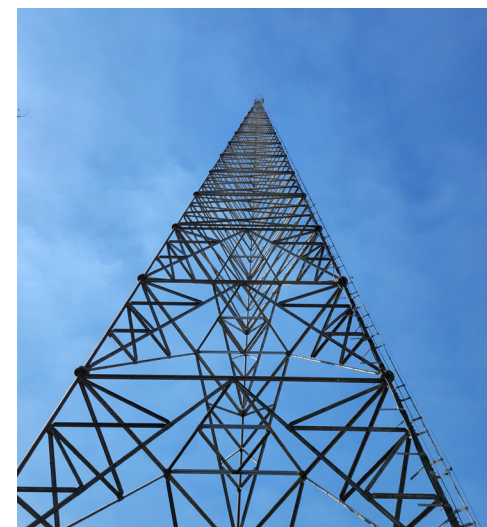
Firm name	Deep South Communications		Discipline(s)*	ITS	
Project name	Brittany TIA Inspection Project			Firm responsibility (prime or sub?)	Prime
Project number	AS2427	Owner's name	Louisiana DOTD		
Project location	43133 E Hwy 330, Sorrento, LA 70778			Owner's Project Manager	Roy Esteven
Owner's address, phone, email	1212 E Highway Dr, Baton Rouge, LA 70802; 225-379-2527; Roy.Esteven@la.gov				
Services commenced by this firm (mm/yy)	03/2024	Total consultant contract cost (\$1,000's)			\$24
Services completed by this firm (mm/yy)	03/2024	Cost of consultant services provided by this firm (\$1,000's)			\$22

Deep South Communications, LLC has extensive experience conducting communication tower inspections for a wide range of projects over multiple years. For the Brittany TIA Inspection project, we coordinated site access with LaDOTD personnel and performed a comprehensive inspection in accordance with TIA standards. Inspection methods included visual and physical assessments, ultrasound testing, and scoped camera evaluations. We also verified and adjusted guy wire tensions, tower plumb, and twist using Dillon tension meters to ensure structural stability.

Upon completion of the field inspection, we compiled a detailed report that included photos, plumb and tension data, and scoped camera footage. Each inspection follows our standardized checklist to ensure consistency, accuracy, and completeness. Our deliverables also include recommendations for necessary repairs based on inspection findings. At the Brittany tower, immediate on-site work included replacing the external photosensor for the lighting system, troubleshooting LaDOTD-reported issues, and coordinating with TRW technical support to identify a faulty relay board—ultimately placing a new board and switch on order.

Following client approval of our recommendations, Deep South Communications remobilized the site to perform the necessary repairs.

Key Team Members: Rhett Westerman, Jeremy Ross, Eric Beckman



Firm name	Deep South Communications		Discipline(s)*	ITS	
Project name	Ruston Tower Inspection			Firm responsibility (prime or sub?)	Prime
Project number	AS2036	Owner's name	Louisiana DOTD		
Project location	2590 LA-33, Ruston, LA 71270			Owner's Project Manager	Roy Esteven
Owner's address, phone, email	1212 E Highway Dr, Baton Rouge, LA 70802; 225-379-2527; Roy.Esteven@la.gov				
Services commenced by this firm (mm/yy)	05/23	Total consultant contract cost (\$1,000's)			\$22
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000's)			\$21

Deep South Communications LLC has performed tower inspections for multiple projects over multiple years for communication towers. For the Ruston Tower TIA Inspection project, we scheduled site visits with LaDOTD employees. While on site, climbed the tower to inspect the tower by TIA standards. Used the following methods: visual, physical, ultrasound, and scoped camera. We also inspected and corrected guy wire tensions, and tower plumb and twist using Dillon tension meters. After completion of work on site, completed detailed report including photos, plumb and tension reports, and scoped camera videos.

After performing the inspection, we compiled a detailed report going over all that was found during the inspection. Deep South Communications has a detailed checklist that we go through for each and every inspection that we perform. Once we send the inspection report to the customer we also make repair suggestions to customers for what was found during the inspection. Repairs for the Ruston project were to install a lightning rod, remove all components not in use, remove any abandoned mounts, troubleshoot lighting systems, and install new safety climb. Once the customer agreed to the repairs that we recommended based on our inspection report and pictures we remobilized to the Filmore tower to repair listed

Key Team Members: Rhett Westerman, Jeremy Ross, Eric Beckman



18. APPROACH AND METHODOLOGY

UNDERSTANDING OF PROJECT

Since launching the Inventory and Inspection of Sign Trusses Program for the Louisiana Department of Transportation and Development (LaDOTD) in 2015, Moffatt & Nichol's (M&N) Project Manager and core Project Team have maintained continuous engagement, delivering comprehensive ancillary inspections with unmatched expertise. Our deep understanding of the Program's intricacies—gained through years of hands-on experience—enables us to navigate critical decisions that drive either significant challenges or outstanding success. These key considerations are meticulously addressed in our proven approach outlined below.

M&N excels in managing and executing multiple concurrent tasks, including routine inspections, initial construction evaluations, and damage assessments. Supported by a robust and experienced team (possibly the greatest in the nation), we possess the flexibility to scale resources up or down to meet the specific demands of each Task Order. Our extensive bench strength ensures seamless adaptability, delivering high-quality results on time and within budget, regardless of project scope or urgency.

PROJECT APPROACH

Our approach starts with a full commitment to the LaDOTD Ancillary Structures Inspection Program. Our project organization chart is intentionally designed around our local Project Manager, who leads the Inspection & Rehabilitation Practice with direct access to companywide resources to facilitate any need the Department may request. To compile the best possible teams for any task, M&N has access to an impressive Louisiana team of 65 professionals that are spread between our 4 southern Louisiana offices. Moreover, M&N has invested in a 6000sf facility near our Baton Rouge office to store and maintain over \$568,000 worth of inspection equipment to include a bucket truck, 3 DOT compliant work trucks, 3 vessels between 23ft – 27ft long, and enough climbing equipment to facilitate 7 separate teams simultaneously. This equates to 25% of our company-wide inventory of equipment, all located at your doorstep and committed to LaDOTD programs. The Department has direct access to M&N's unmatched resources that include local equipment, local engineer-inspectors, and local leadership for a national prioritization of resource allocation.

TEAM COMPOSITION AND QUALIFICATIONS

Key Management Team

Chace Hulon, PE, will again serve the LaDOTD as a seasoned Project Manager and industry leader who resides in Baton Rouge with 20 years of experience. Chace is highly qualified and certified to safely perform and properly lead ancillary inspections as an NHI-certified Team Leader, a SPRAT Level II Supervisor, a fall protection competent person, and an ATSSA TCS. As a hands-on leader, Chace will ensure that a well-trained team operates under best practices and that quality improvements are identified and implemented throughout the duration of this contract. Our deep bench of 26 experienced Ancillary Inspection Team Leaders ensures execution with a degree of confidence. The Project Manager will work with the Deputy Project Manager and Team Leaders to apply Plan-Do-Check-Act principles in our repetitive work process as we all work toward continuous improvement.

Michael Franco has 16 years of engineering project management experience and will serve as the Deputy Project Manager dedicated to the ongoing success and overall client satisfaction of this project. He has gained valuable LaDOTD Ancillary Structure Inspection experience over the last year and is now prepared to be an integral part in the overall success of this project as we all strive to meet our goals. This project has many hidden logistical challenges, and Michael is adept at solving each of them with sound communication at every level.

Jeffrey Gazarek, COSS, COSM, will serve as our Safety Manager on this contract. He is local to Lafayette, and he is intimately familiar with all hazards associated with this project as he's worked on this very contract for the last 9 years as a Team Leader and assistant. Jeffrey has 19 years of experience in operational supervision and safety oversight for complex infrastructure projects. Specializing in high-risk environments, he has led critical field operations for structural assessments, work at height, hazardous material testing, partially destructive testing and sampling, and underwater diving inspections. Jeffrey is a member of the Board of Directors for the Association of Diving Contractors International (ADCI), and he serves as the Gulf Chapter Chairman. He is also a member of the American Society of Safety Professionals and represents M&N as a drafting contributor to the ANSI standards.

Heidi Kuntz, PE, has 29 years of experience as a Structural Inspection Engineer and will serve as the Quality Manager on this contract. Heidi has performed quality control and quality assurance reviews for all LaDOTD contracts and has contributed to the development of the LaDOTD Inventory & Inspection Manual for Ancillary Structures.

Subconsultants

Engineering Operations, LLC, DBE (eO) has served the M&N team on this contract since their inception in 2017. They provide additional local capacity support with highly qualified engineer-climbers and NHI-certified ancillary inspectors. Together, we're able to meet any need under this scope of work, including urgent damage assessment requests.

Deep South Communications, LLC (DSC) will serve with M&N should our team be awarded this next contract. DSC is currently performing the tower inspections and repairs for the LaDOTD ITS department. They have high ratings and are highly recommended by the Department. DSC and M&N have complimentary skill sets and experience with RF Towers that will serve the Department well.

WORKFLOW METHODOLOGY

The following is the anticipated workflow schedule for a typical Task Order (TO) for ancillary structure inspection and report services, based on our successful collaboration with the LaDOTD Project Manager:

1. Development of the Project Plan to include the Quality Plan which will be submitted within 10 days of the award and schedule a kickoff meeting with the LaDOTD Project Manager.
2. Planning and preparation for a group of assigned structures, which includes reviewing the ancillary file and previous reports in ArcGIS/Beyond Asset to understand material type, age, previous condition states, and access logistics for safe and efficient operations.
3. Schedule the ancillary inspections in groups prioritizing their next inspection date, proximity (to conserve travel costs), or other time-sensitive request.
4. Schedule the quality control reviews for each report.
5. Assign a qualified team and schedule an internal kickoff meeting.
6. Review the need for traffic control, traffic notices, and District coordination.
7. Prepare a comprehensive Field Safety Plan that includes an Activity Hazard Analysis (AHA), a Climbing Operations Plan (COP), and an Emergency Management Plan (EMP) that includes a rescue plan.
8. Mobilize personnel and equipment to complete each assignment safely and efficiently.
9. Safely park the inspection vehicle an adequate distance from the traveling public (preferably behind a guardrail) and set up visual and legible MOT

devices, or a MUTCD compliant shoulder closure, or a MUTCD and LADOTD compliant lane closure as needed.

10. Conduct a site safety briefing with all personnel on site.
11. Perform a hands-on inspection and collect data via a mobile tablet device loaded with the ancillary management software. Utilize precision tools and cleaning tools to properly determine the extent of damage at any given location. Inspectors are responsible for accurate measurements and detailed documentation of defects to include photographs, element ratings, and repair recommendations.
12. Structures with critical findings will be promptly communicated to LaDOTD, recommendations will be provided, and the need for an in-depth investigation, monitoring inspection, load rating, or repair design may be discussed.
13. Inspection information will be synced/uploaded to the LaDOTD ancillary management system (Beyond Asset) and reviewed for accuracy and consistency by certified Team Leaders and Engineers prior to submittal and per the *LaDOTD Inventory & Inspection Manual for Ancillary Structures*.
14. Reassess status and available resources throughout the duration of the task to accelerate progress as necessary.
15. Submit a progress report monthly to the LaDOTD Project Manager

TOWER INSPECTIONS

With precision planning and technical expertise, the M&N team will coordinate site visits with LaDOTD personnel to conduct comprehensive tower inspections in accordance with TIA standards. During each inspection, our certified team ascends the tower and utilizes a combination of proven inspection techniques, including visual and physical assessments, ultrasound testing, and scoped camera evaluations. We also inspect and adjust guy wire tensions and verify tower plumb and twist using calibrated Dillon tension meters to ensure structural alignment and integrity.

Following each inspection, we compile a comprehensive report that includes high-resolution imagery, tension and plumb data, and scoped camera footage. Based on our findings, we provide clear and actionable recommendations to address any identified issues. Typical repairs include the removal of unused appurtenances, cleaning of the site compound, disposal of damaged shelters, replacement of ground connections at the tower base, and repairs to guy anchor grounding. Additional common repairs involve replacing rusted ground clips on anchors, straightening misaligned antennas, securing waveguides in accordance with manufacturer specifications, and removing abandoned antenna mounts.

Upon client approval, our team swiftly remobilizes to execute all necessary repairs,

delivering a seamless, turnkey solution that restores each structure to peak safety and performance—demonstrating our unwavering commitment to efficiency, reliability, and the specific needs of LaDOTD without disrupting ongoing operations.

WORK ZONE SAFETY AND WORK AT HEIGHT

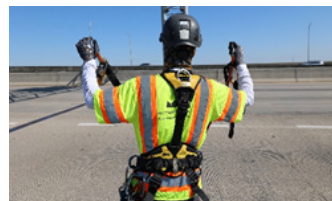
M&N has a proven process of systematically documenting the safest approach to access each structure. We are fully aware of the hazards imposed on our staff in the work zone. A job hazard analysis is developed for each regional group of structures and we aim to eliminate lane closures and avoid disrupting normal traffic flows. We always maintain high visibility to the traveling public in advance of the work site; this helps to communicate a shoulder closure, and personnel are at work in the area. We also know when to safely employ a rolling lane closure. M&N employs twelve team members certified as ATSSA technicians and supervisors because we take responsibility for all shoulder closure and lane closure operations.



M&N is completely committed to Work Zone Safety at every inspection site, from start to finish. M&N has 12 ATSSA-certified technicians and supervisors on staff always committed to the supervision of temporary traffic control systems. M&N is accustomed to applying various temporary traffic control systems for our various bridge inspection projects across the country. M&N is experienced in developing traffic control plans and taking responsibility even over our vendors while on site. M&N has a team of expert transportation engineers on staff and is available to design temporary traffic control plans as necessary. We are also experienced in preparing public notices for the LaDOTD Districts throughout the state.

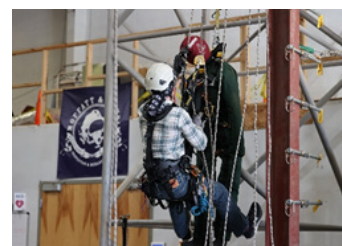
We have developed a GIS library of LaDOTD lane closure plans for ancillary structures, enabling us to streamline project delivery, accelerate execution, and offer a comprehensive solution for all work involving lane closures. This capability eliminates the need to rely on third-party developers for traffic plans, as we have in-house traffic engineers who expertly review and refine our plans, ensuring both efficiency and compliance with all relevant standards.

The safest, most reliable, and most cost-effective method of accessing the structure is to climb through the box trusses with a proper dual lanyard SRL fall protection system. M&N operates above OSHA standards with at least one team member being a fall protection competent person on every inspection site and all inspection staff have annual refresher training for work at height. As a member of SPRAT, M&N also certifies our competent persons through SPRAT's work-at-height training



program that has a focus on structure climbing.

We have discovered that several sign foundations are located on the top of bent caps and have no viable vehicle or vessel access from below. Therefore, M&N has employed a successful rope access program to safely and efficiently access these foundations ensuring they are properly inventoried and inspected. M&N has a mature internal SPRAT rope access training program led by Michael Russell, our in-house instructor and SPRAT Level III Supervisor. All training classes are sponsored by M&N and conducted at our local Baton Rouge facility.



Louisiana has unique environmental challenges, traffic safety challenges, and logistical challenges that are intimately understood by the seasoned M&N team. Our unique experience with this contract, coupled with our exemplary zero-incident safety record, positions us to deliver strong results for this project while ensuring the safety of the traveling public.

NONDESTRUCTIVE TESTING

Non-destructive testing is a requirement on this project that requires a strong understanding and skillset. Steel and aluminum welds have cracked and can propagate into the chords. Anchor rods can crack or fracture under excessive loading conditions and failed base plate connections. Dye penetrant and mag particle testing are effective methods for testing and determining crack lengths. Ultrasonic flaw detection is performed on the anchor rods of every cantilever structure or any structure with base plates having excessive standoff distances. Our team, comprised of 12 M&N staff with NDT/UT experience, is certified through our in-house SNT-TC-1A training program.

EMERGENCY RESPONSE

Between 2020 and 2025, Louisiana was struck by multiple major hurricanes, including Hurricanes Laura and Ida, both of which made landfall as powerful Category 4 storms with sustained winds of up to 150 mph. In direct response to these extreme events, M&N performed over 1,100 post-storm damage inspections—demonstrating our deep experience and rapid mobilization capabilities. Notably, within just two weeks' notice following Hurricane Ida's

landfall, our team successfully completed 62 inspections of sign structures surrounding the New Orleans International Airport. Given the airport's critical role as a transportation hub for both passenger and cargo traffic, it was imperative to ensure the safety and structural integrity of these installations to prevent service disruptions and maintain smooth, uninterrupted traffic flow in and out of the region. The surrounding infrastructure supports not only daily travel but also emergency response, supply chains, and economic continuity—making our work vital to protecting public safety and minimizing the broader impacts of storm events.

This level of agility is made possible by the strength of our M&N team. Between our four Louisiana offices, we have 16 SPRAT-trained inspectors, 28 personnel with direct experience inspecting ancillary and tower structures across Louisiana, 23 team members holding NHI certifications, and 12 certified by ATSSA. No other firm can match the combination of quality, experience, and emergency response expertise we bring to Louisiana's ancillary and tower inspection programs. With our diverse techniques and specialized training, there is no ancillary or tower structure we cannot inspect. These qualifications allow us to deliver immediate, uninterrupted emergency response services—without compromising the pace or quality of our ongoing operations—all while maintaining an unwavering commitment to public safety

QA/QC

M&N's **Heidi Kuntz, PE** will develop a Quality Plan in accordance with the LaDOTD Inventory & Inspection Manual for Ancillary Structures, the Policy for Quality Control and Quality Assurance in BDEM Part I, Chapter 3, as well as the steps and measures in BDEM Part II Volume 5 to be followed for QA/QC of documentation and reports. The Quality Plan will include the review process of all subconsultant work and deliverables. The M&N Quality Plan will be resubmitted to the LaDOTD Project Manager within 10 business days of award notification; prior to submission, all documentation will be reviewed for completeness and accuracy. Our Quality Plan is founded on three interrelated principles: quality control, quality assurance, and quality improvement. The M&N Quality Management System is living and active and comprised of business processes designed to produce a firm-wide focus on consistent and predictable achievement of planned project results. Our local Louisiana offices are ISO 9001 certified and relentlessly engaged in improving our products, services, and business processes



by assessing our business context, developing plans, and setting objectives, monitoring and measuring performance against plans and objectives, capturing and analyzing performance data, and identifying and implementing changes to enhance our performance. LaDOTD will continue to benefit from our established quality management system that includes continuous internal and external audits.

DELIVERABLES

Inspection information will be synced/uploaded to the LaDOTD ancillary management system (Beyond Asset) and reviewed for accuracy and consistency by certified Team Leaders and Engineers prior to submittal and per the LaDOTD *Inventory & Inspection Manual for Ancillary Structures*. The final inspection reports will be submitted to the LaDOTD Project Manager in electronic format through the new Beyond Asset database (or current LaDOTD ancillary management software) in accordance with our Quality Plan. We fully understand the nuances and features with Beyond Asset that are vital to engaging in reporting requirements on Day 1.

Why M&N

By selecting M&N again for the next cycle, the DOTD will retain a valuable local resource with a vast amount of institutional knowledge. M&N will maintain program continuity that can be trusted to safely meet the project requirements and respond to urgent emergency response requests, such as the recent damage assessment of a span sign in Shreveport, LA. M&N will continue to ensure that our work under each individual Task Order (TO) is on schedule, thorough, accurate, consistent, flexible, useful to many disciplines, and valuable to the evolving Ancillary Structures Inspection Program.



TYPE	DISTRICTS		
	11168/01	11168/02	TOTAL
Initial	62	73	135
Routine	811	479	1290
Special	167	179	346
Damage	1054	75	1129
Removed	31	65	96

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Moffatt & Nichol Inc.	Other (Structure/Sign)	4400017089; H.011331.1	LADOTD IDIQ Contract for Inspection of Sign Trusses Statewide – Task Order 2	\$339,889
	Other (Structure/Sign)	4400017089; H.011331.1	LADOTD IDIQ Contract for Inspection of Sign Trusses Statewide – Task Order 3	\$118,416
	Bridge	4400019121; H.009730.5	LADOTD IDIQ Contract for Underwater Inspections – Task Order 02	\$77,659
	Bridge	4400019121; H.009730.5	LADOTD IDIQ Contract for Underwater Inspections – Task Order 03	\$257,998
Deep South Communications LLC	ITS	AS2804	Old Troop A Alarm Repair	\$1,686
	ITS	AS2770	Angola Tower Night Beacon Repair	\$3762
	ITS	AS2675	Cypress Bayou Tower TIA Inspection	\$21,615
	ITS	21-1029-02	H.001234 LA 1 Port Allen Tower	\$114,980
Engineering Operations LLC	Other (Structure/Sign)	Contract #: 4400017089 State Project #: H011331	IDIQ Contract for Inventory and Inspections of Sign Trusses Statewide – Task Order 2	\$3,137
	Bridge	Contract #: 4400019121 State Project #: H.009730.5	LaDOTD IDIQ Contract for Underwater Inspection – Task Order 2	\$83
	Bridge	Contract #: 4400019121 State Project #: H.009730.5	LaDOTD IDIQ Contract for Underwater Inspection – Task Order 3	\$142,561

20. Certifications/Licenses:

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

Statewide Ancillary Inspection

Staff	Title	LADOTD Sign Inspection Experience	> 2 Yrs. Visual Weld Inspection	> 2 Yrs Fatigue Cracks in Alum	NDT / UT	SPRAT	NHI			ATSSA Tech or Supervisor
							130055 /130053	130087	130078	
MOFFATT & NICHOL										
Chace Hulon, PE	Project Manager; SPRAT Specialist Level II Supervisor; NHI Team Leader	✓	✓	✓	✓	✓	✓	✓	✓	✓
Michael Franco	Deputy Project Manager	✓			✓			✓		✓
Jeffrey Gazarek, COSS, COSM	Safety Manager	✓	✓	✓	✓		✓		✓	✓
Heidi Kuntz, PE	QA/QC	✓	✓		✓		✓		✓	
Michael Russell, EI	SPRAT Level III; NHI Team Leader; Comm Tower Inspector	✓	✓	✓	✓	✓	✓	✓		✓
Bryan Tyson, PE	SPRAT Level I; NHI Team Leader	✓	✓	✓	✓	✓	✓		✓	✓
Wade Wise	SPRAT Level II; NHI Team Leader	✓	✓	✓	✓	✓	✓	✓		
Charles Balzarini, PE	SPRAT Level II; Comm Tower Designer	✓	✓	✓	✓	✓	✓	✓		
Matt Balzarini, PE	SPRAT Level II	✓	✓	✓	✓	✓	✓	✓		
Chip Eschenbach, CWI	SPRAT Level I; NHI Team Leader	✓	✓	✓	✓	✓	✓	✓		
Brian Corcoran	SPRAT Level III; NHI Team Leader; Comm Tower Inspection	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGINEERING OPERATIONS, LLC (DBE)										
Mike O'Hara, EI	SPRAT Level III		✓	✓		✓	✓	✓	✓	
Jonathan Ivey	SPRAT Level II	✓	✓	✓		✓	✓	✓	✓	✓
Karl Davis	SPRAT Level I	✓	✓	✓		✓	✓			
Caden D'Aoust	SPRAT Level I	✓	✓	✓		✓				
William Gehry	SPRAT Level I	✓	✓	✓		✓	✓	✓	✓	
Sam Williams, PE	NHI Team Leader	✓	✓	✓		✓	✓	✓	✓	✓
Kyle Rankin	NHI Team Leader	✓	✓	✓			✓	✓	✓	✓
Taylor White, PE	NHI Team Leader	✓	✓	✓			✓	✓		
Connor Kenney	Inspection Assistant	✓	✓	✓			✓	✓		✓
Grace Mauberret, PE	Inspection Assistant	✓					✓	✓	✓	



**SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS**
Rope Access Certification



Acknowledges that

STEPHANIE ATHANAS

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT #2200234

AWARDED: 07 February, 2025

Expires: 10 February, 2028

DAVIDE SARTORI, EVALUATIONS COMMITTEE CHAIR

MATT HUNT, SPRAT PRESIDENT

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**SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS**
Rope Access Certification



Acknowledges that

LOUIS BAEZA

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT #2202539

AWARDED: December 09, 2022

Expires: December 09, 2025

TROLL, -FP, EVALUATIONS COMMITTEE CHAIR

TOM WOOD, SPRAT PRESIDENT

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Rope Access Certification



Acknowledges that

**CHRISTOPHER ALLEN
ESCHENBACH**

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT #200515

AWARDED: 25 January, 2025

Expires: 25 January, 2028

DAVIDE SARTORI, EVALUATIONS COMMITTEE CHAIR

MATT HUNT, SPRAT PRESIDENT

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Rope Access Certification
Level 1

Sarah Stull

SPRAT Certification # 2400103

Date of Birth: 3 MAR 1998

Certification Date: 19 JAN 2024

Expiration Date: 19 JAN 2027





ROPE ACCESS TECHNICIAN
LEVEL: I

Bryan Tyson
Austin, TX
USA

SPRAT Cert. # 172095
Certification Date: 17 JUN 2022
Renewal Date: 17 JUN 2025




Rope Access Certification
Level 1

John Strotheide

SPRAT Certification # 2101316
Date of Birth: 4 APR 1985

Certification Date: 6 JUL 2024
Expiration Date: 6 JUL 2027



**SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS**

Rope Access Certification



Acknowledges that

MIKE RUSSELL

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 3 Technician

SPRAT #150926

AWARDED: 25 January, 2025

Expires: 04 February, 2028


DAVIDE SARTONE, EVALUATIONS COMMITTEE CHAIR

MATT HUNT, SPRAT PRESIDENT

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ROPE ACCESS TECHNICIANS**

Rope Access Certification



Acknowledges that

BRIAN CORCORAN

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 3 Technician

SPRAT #130788

AWARDED: 25 January, 2025

Expires: 25 January, 2028


DAVIDE SARTONE, EVALUATIONS COMMITTEE CHAIR

MATT HUNT, SPRAT PRESIDENT

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SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

MATTHEW BALZARINI

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 2 Technician

SPRAT #190895

AWARDED: 25 January, 2025

Expires: 03 May, 2028

DAVIDE SARTONI, EVALUATIONS COMMITTEE CHAIR
Matt Hunt
MATT HUNT, SPRAT PRESIDENT

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SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

CHACE HULON

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 2 Technician

SPRAT #070712

AWARDED: 25 January, 2025

Expires: 17 March, 2028

DAVIDE SARTONI, EVALUATIONS COMMITTEE CHAIR
Matt Hunt
MATT HUNT, SPRAT PRESIDENT

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SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

CHARLES BALZARINI

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 2 Technician

SPRAT #190894

AWARDED: 25 January, 2025

Expires: 03 May, 2028

DAVIDE SARTONI, EVALUATIONS COMMITTEE CHAIR
Matt Hunt
MATT HUNT, SPRAT PRESIDENT

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SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

WADE WISE

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 2 Technician

SPRAT #2000774

AWARDED: 25 January, 2025

Expires: 10 February, 2028

DAVIDE SARTONI, EVALUATIONS COMMITTEE CHAIR
Matt Hunt
MATT HUNT, SPRAT PRESIDENT

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National Highway Institute Certificate of Training

Brian Corcoran

has participated in

FHWA-NHI-130087 Inspection of Ancillary Highway Structures

hosted by

Michigan Department of Transportation

Date: April 18, 2024
Location: Dimondale, MI

Hours of Instruction: 6

David Smith
Instructor

[Signature]
Instructor

Michael J. Caston
Local Coordinator

Stacey J. Caston
Stacey J. Caston, Director
National Highway Institute



National Highway Institute Certificate of Training

Christopher Eschenbach

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

COLLIERS ENGINEERING & DESIGN

Date: October 28-29, 2021
Location: Miami, FL

Hours of Instruction: 12

Terence M. Broome
Instructor

Steve Miller
Instructor

Cory Joseph Hogan
Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute



National Highway Institute Certificate of Training

Michael Franco Jr.

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

MP Engineers, P.C.

Date: October 17, 2024
Location: Princeton, NJ

Hours of Instruction: 6

[Signature]
Instructor

[Signature]
Instructor

Mahendra Patel
Local Coordinator Mahendra Patel, P.E.

Stacey J. Caston
Stacey J. Caston, Director
National Highway Institute



National Highway Institute Certificate of Training

Stephanie Eschenbach (Athanias)

has Successfully Completed

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

MP Engineers, P.C.

Date: December 06-07, 2022
Location: Princeton, NJ

Hours of Instruction: 12

Steve Miller
Instructor

[Signature]
Instructor

Mahendra Patel
Local Coordinator Mahendra Patel, P.E.

Thomas Harman
Thomas Harman, Director
National Highway Institute





National Highway Institute
Certificate of Training



Chace Hulon

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

MP Engineers, P.C.

Date: October 17, 2024

Location: Princeton, NJ

Hours of Instruction: 6

Instructor

Local Coordinator Mahendra Patel, P.E.

Stacey J. Caston, Director
National Highway Institute



National Highway Institute
Certificate of Training



Adrian Lee

has Successfully Completed

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

MP Engineers, P.C.

Date: March 21-22, 2023

Location: Princeton, NJ

Hours of Instruction: 12

Instructor

Local Coordinator Mahendra Patel, P.E.

Thomas Harman, Director
National Highway Institute



National Highway Institute
Certificate of Training



Mike Russell

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

COLLIERS ENGINEERING & DESIGN

Date: October 28-29, 2021

Location: Miami, FL

Hours of Instruction: 12

Instructor

Local Coordinator

Thomas Harman, Director
National Highway Institute



National Highway Institute
Certificate of Training



Wade Wise

has participated in

FHWA-NHI-130087 Inspection of Ancillary Highway Structures

hosted by

MP Engineers, P.C.

Date: February 19, 2025

Location: Princeton, NJ

Hours of Instruction: 6

Instructor

Local Coordinator Mahendra Patel, P.E.

Stacey J. Caston, Director
National Highway Institute



National Highway Institute
Certificate of Training

John Strotheide

has participated in

FHWA-NHI-130087 Inspection of Ancillary Highway Structures

hosted by

Whitman, Requardt & Associates, LLP

Date: June 25, 2024
Location: Baltimore, MD

Hours of Instruction: 6


Instructor


Instructor


Local Coordinator

Stacey J. Caston
Stacey J. Caston, Director
National Highway Institute



National Highway Institute
Certificate of Training

Sarah Moriarty(Stull)

has participated in

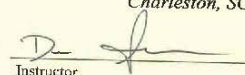
FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

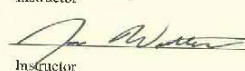
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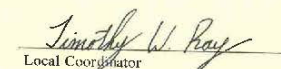
Collins Engineers, Inc.

Date: July 14-15, 2022
Location: Charleston, SC

Hours of Instruction: 12

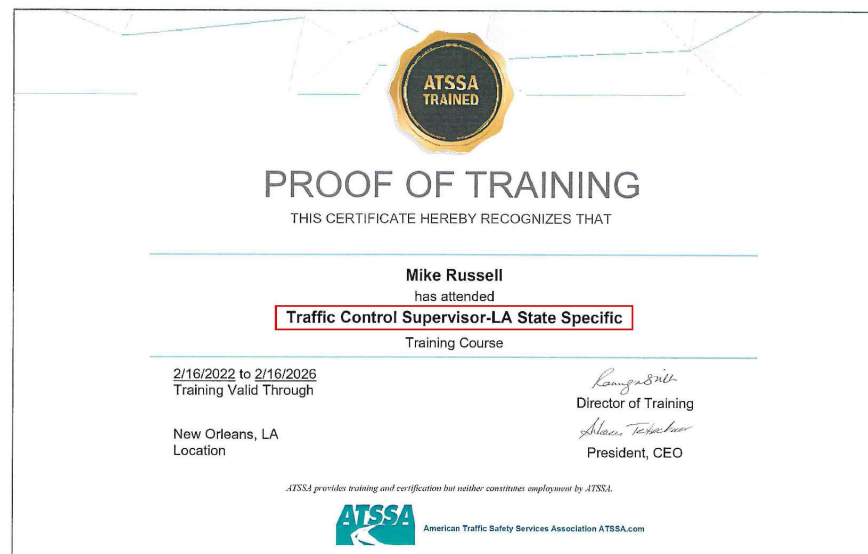

Instructor


Instructor


Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute







Michael Franco

has attended
Louisiana Traffic Control Technician

Completed: 24-SEP-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



Michael Franco

has attended
Louisiana Traffic Control Supervisor

Completed: 26-SEP-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



John Strotheide

has attended
Louisiana Traffic Control Technician

Completed: 11-MAR-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



John Strotheide

has attended
Louisiana Traffic Control Supervisor

Completed: 13-MAR-2025

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



Kobe Leeming
has attended
Louisiana Traffic Control Technician

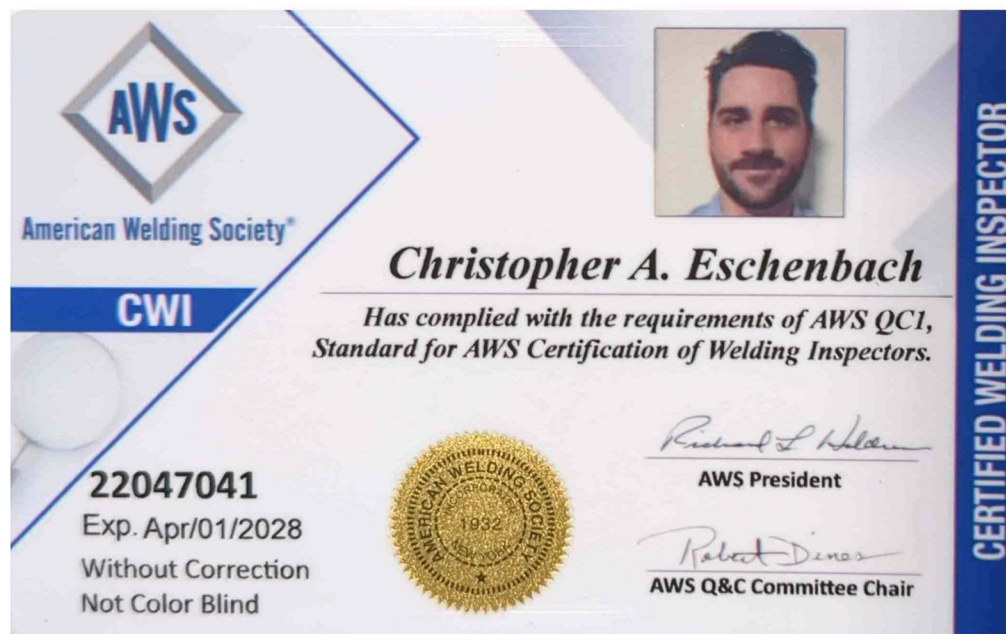
Completed: 11-MAR-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com







Deep South Communications L.L.C.
22002 Hoo Shoo Too Road
Baton Rouge, LA 70817
(225) 627-1000
info@deepsouthcommunications.com



Deep South Communications L.L.C.
22002 Hoo Shoo Too Road
Baton Rouge, LA 70817
(225) 627-1000
info@deepsouthcommunications.com

Deep South Communications, LLC Licenses & Certifications

<u>License/Certification</u>	<u>License/Cert No.</u>	<u>Type</u>	<u>Expiration</u>
State of Alabama Secretary of State Gen. Contractor's License	612-684 45339	Registered to do business Traffic Control & Safety, Telecommunications Projects, Billboard Construction, Signage	N/A 9/30/2025
Electrical License	03414	Electrical Contractor	9/30/2025
State of Arizona Secretary of State General Contractors License	1942707 332825 332913 332839	Registered to do business C-67 Low Voltage Communications Systems B-1 General Commercial Contractor A-17 Electrical and Transmission Lines	 3-31-2027 4-30-2027 4-30-2027
State of Arkansas Secretary of State Contractor's License	800152885 0373580518	Registered to do business Building Commercial and Residential, Specialty Transmission Lines	N/A 5/31/2024
State of California Secretary of State	201833310484	Registered to do Business	
State of Colorado Secretary of State	20201519115	Registered to do business	
State of Florida Secretary of State Gen. Contractor's License Electrical License	M07000000665 CGC1518097 EC13008929	Registered to do business General Building Contractor Unlimited Electrical Contractor	N/A 8/31/2026 8/31/2026
State of Georgia Gen Contractor's License Electrical License	GCCO003237 EN216891	General Contractor's License Electrical Contractor – Non Restricted	6-30-2025 6-30-2025
State of Hawaii	238863C6	Registered to do business	
State of Idaho Secretary of State Contractor's License	3351040 RCE-50004	Registered to do business Registered Entity Contractor	1/09/2026
State of Illinois Secretary of State		Registered to do business	
State of Indiana Secretary of State	2015051100525/20 15051138173	Registered to do Business	
State of Iowa Registered Contractor	C133695	Contractor	5/04/2026

State of Kentucky Secretary of State Electrical License	0810469 CE65571; ME65671	Registered to do Business	N/A 02/28/2026
State of Louisiana Secretary of State Contractor's License	35928991K 44902	Registered to do business Electrical, Building Construction, Specialty: Signs, Scoreboards, Displays, Billboards(electrical & non) Specialty: Telecommunications, Specialty: Traffic Signal & Lighting & Intelligent Transportation Systems (ITS)	N/A 02/20/2028
City of Baton Rouge	00878631	Occupational License	12/31/2025
Ascension Parish Building License Electrical License	B0758 E0653		12/31/2025 12/31/2025
City of New Orleans Class A Electrical Certificate of Registration	16LEL-11112 105019067	Class A Electrical License	2/1/2025 Yearly
City of Lake Charles Master Electrician	22-00022187		12/31/2024
Jefferson Parish		Electrical License	02/28/2025
State of Michigan Secretary of State		Registered to do Business	
State of Mississippi Secretary of State Contractor's License	906241 17720-MC	Registered to do business Building Construction, Electrical Work, Telecommunications, Towers	N/A 07/14/2025
State of Missouri Secretary of State	FL0942038	Registered to do business	N/A
State of Montana Secretary of State Contractors License	13822379 255364	Registered to do business Contractors Registration	7 19 2026
State of Nebraska Secretary of State Contractor Registration	52116-20	Registered to do business	8/24/2025
State of Nevada Secretary of State Contractors License Electrical License	0087458	Registered to do business B General Building Application in progress	11/30/2026
State of New Mexico Secretary of State	522480	Registered to do business	n/a
State of New Jersey	0450539746	Registered to do business	



Deep South Communications L.L.C.
22002 Hoo Shoo Too Road
Baton Rouge, LA 70817
(225) 627-1000
info@deepsouthcommunications.com



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State of North Dakota Secretary of state Contractor's License	374643000 51855	Certificate of Authority Class A	n/a 3-01-2026
State of North Carolina Secretary of State Contractor's License Electrical License	1100773 68583 28885-U	Registered to do business PU (Communications) Building Electrical Contracting	N/A 12/31/2025 06/29/2025
State of Ohio Secretary of State Electrical Contractors License City of Cincinnati City of Cleveland City of Columbus	1846814 47511 PW-DEEPSOUTH CR18017978 G07667	Registered to do business Registered Contractor Cert of Registration Registered Contractor	N/A 8/18/2027
State of Oklahoma Secretary of State	99933679	Registered to do business	N/A
State of Oregon Secretary of State Contractor's License	149730798 224292	Registered to do business General Contractors License	NA 1/18/2024
State of Pennsylvania	0135620120621	Registered to do business	N/A
State of Puerto Rico Electrical License	0615938-0017	Registered to do business Application in progress	N/A
South Carolina Secretary of State General Contractor	090909-0019 G115990	Registered to do business General Contractor	N/A 10/31/2026
State of South Dakota Secretary of State		Registered to do business	
State of Tennessee Secretary of State Contractor's License	0595781 62206	Registered to do business Commercial Building (BC-B), Electrical (CE)	N/A 3/31/2027
State of Texas Secretary of State Master Electrician Electrical Contractor	260575782 232760 27991	Registered to do business Master Electrician – Rhett Westerman	N/A 12-9-2025 3-23-2026
State of Utah Secretary of State Contractors License Master Electrician	11064760-0161 11921171-5501 11974941-5502	Registered to do business General Building, General Engineering Master Electrician	11/30/2025 11/30/2026
State of Virginia Secretary of State Contractor's license Master Electrician	T061582-5 2705157774 2710065244	Registered to do business Contractor's License Master Electrician- Rhett Westerman	n/a 12-31-2025 12-31-2025

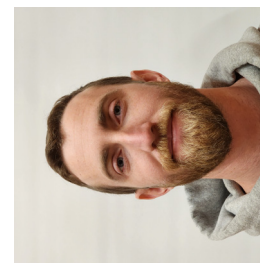
State of Washington Secretary of State Contractor's License	604372388 604-372-388	Registered to do Business General Contractor	N/a 01/29/2027
West Virginia Secretary of State Contractor's License	WV 050379	Registered to do business Communication & Sound Low Voltage Systems	N/A 01-29-2026
State of Wisconsin Secretary of State		Registered to do business	
State of Wyoming Secretary of State		Registered to do business	



Rope Access Certification
Level 1

William Gehry

SPRAT Certification # 2400504
Date of Birth: 25 JUL 1988
Certification Date: 23 FEB 2024
Expiration Date: 23 FEB 2027

SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

MICHAEL STEVEN O'HARA

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 3 Technician

SPRAT #190932
AWARDED: 02 February, 2024
Expires: 12 March, 2027


DAVIDE SARTORI, EVALUATIONS COMMITTEE CHAIR

RICHARD DELANEY, SPRAT PRESIDENT

SPRAT's [Technician Verification System](#) may be used to verify the accuracy of data on this certificate.



SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

CADEN D'Aoust

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT #2301113
AWARDED: May 05, 2023
Expires: May 05, 2026


TROLL, EVALUATIONS COMMITTEE CHAIR

RICHARD DELANEY, SPRAT PRESIDENT

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SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

KARL DAVIS

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT #2301112
AWARDED: May 05, 2023
Expires: May 05, 2026


TROLL, EVALUATIONS COMMITTEE CHAIR

RICHARD DELANEY, SPRAT PRESIDENT

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Rope Access Certification
Level 2

Jonathan Ivey

SPRAT Certification # 181290
Date of Birth: 12 JUN 1990

Certification Date: 23 FEB 2024
Expiration Date: 28 JUN 2027



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.**

N/A

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include a screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Deep South Communications L.L.C.	22002 Hoo Shoo Too Road, Baton Rouge, LA 70817	Rhett J. Westerman, President; rhett@deepsouthcommunications.com	225.293.5700
Engineering Operations LLC	27350 U.S. Highway 190 Lacombe, LA 70445	Samuel Williams, PE swilliams@eopsco.com	985.276.7803

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.**

N/A



moffatt & nichol

moffattnichol.com

Contact:

Chace Hulon, PE

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301 Main Street, Suite 800

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