



IDIQ Contract for Bridge Maintenance Preservation and Repair Statewide

CONTRACT NO. 4400035210

DATE: May 21, 2026



May 21, 2026

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



RE: CONTRACT NO. 4400035210 - IDIQ CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR STATEWIDE

Dear members of the selection committee,

The HNTB team is pleased to submit our qualifications to provide Indefinite Delivery/Indefinite Quantity General Engineering Services for the Louisiana Department of Transportation and Development (LaDOTD) Bridge Maintenance Division. This statewide contract requires a consultant team that can assist LaDOTD with structure asset maintenance planning, structure preservation project development, and post-design construction support services. HNTB brings the local leadership, Louisiana bridge experience, national asset management expertise and proven task order delivery needed to support this important program.

For more than 60 years, HNTB has partnered with LaDOTD on many of Louisiana's most significant transportation infrastructure assignments. Through this long-standing relationship, our team has developed a deep understanding of LaDOTD's expectations, bridge standards, contracting procedures, and the practical realities of maintaining bridge assets throughout Louisiana. We understand that this contract is not simply about producing plans, but about helping LaDOTD make informed maintenance decisions that preserve bridge assets, improve condition, support mobility, and protect public safety.

HNTB is uniquely positioned for this Bridge Maintenance Contract because our team combines national asset management experience with unmatched Louisiana bridge preservation and inspection knowledge. Nationally, HNTB has supported large-scale bridge asset management programs through data analysis, prioritization tools, lifecycle planning, deterioration modeling, and cost forecasting. Locally, HNTB has delivered repeated LaDOTD bridge preservation, rehabilitation, repair, inspection, and construction-support assignments involving many of the same structure types and maintenance needs anticipated under this contract.

Since 2011, HNTB has successfully undertaken 83 bridge-related task orders through LaDOTD Bridge Preservation Services retainer contracts, and 38 major bridge inspection task orders through LaDOTD Complex Bridge Inspection retainer. That experience has given our team a strong understanding of how LaDOTD scopes, contracts, reviews, and delivers bridge task orders. HNTB has completed rehabilitation and repair assignments involving bearing replacement, joint replacement, structural concrete patching, deck overlays, steel repairs, heat straightening, girder replacement, jacking, painting, and emergency repairs—experience that directly supports the Bridge Maintenance Division's need for structure-specific recommendations and preservation project development.

HNTB also brings national-scale bridge asset management experience that directly supports the Bridge Maintenance Division's goals. For the New Jersey Turnpike Authority, HNTB developed an enhanced Priority Bridge Replacement Dashboard that modernized a legacy Excel-based bridge ranking process into a secure Power BI application supporting data-informed bridge asset management and replacement decision-making for more than 1,100 bridge assets. This experience directly aligns with LaDOTD's need for structure asset maintenance planning, prioritization of improvements, and planning-level cost estimating under this contract.

At HNTB, we will continue to deliver our signature "4for4"—quality work, on time, on budget, and to your complete satisfaction. We look forward to the opportunity to support LaDOTD's Bridge Maintenance Division in preserving Louisiana's bridge inventory and advancing practical, data-informed maintenance solutions.

Respectfully submitted,

HNTB Corporation

A blue ink signature of Dusty Bastion, written in a cursive style.

Dusty Bastion, PE
Vice President
Principal-In-Charge

A blue ink signature of Josh Porter, written in a cursive style.

Josh Porter, PE
Project Manager

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SECTION

1-11

DOTD FORM: 24-102

IDIQ CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR STATEWIDE

(Revised August 11, 2025)

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

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

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

1. Contract Name as shown in the advertisement	IDIQ Contract for Bridge Maintenance Preservation and Repair Statewide
2. Contract Number(s) as shown in the advertisement	4400035210
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>)	HNTB Corporation
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.0001775
6. Prime consultant mailing address	450 Laurel Street, Suite 1200, Baton Rouge, LA 70801
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	450 Laurel Street, Suite 1200, Baton Rouge, LA 70801
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Todd "Dusty" Bastion, PE, Vice President Phone: (225) 368-2810 Email: dbastion@hntb.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Todd "Dusty" Bastion, PE, Vice President Phone: (225) 368-2810 Email: dbastion@hntb.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:

Date: 05/20/2026

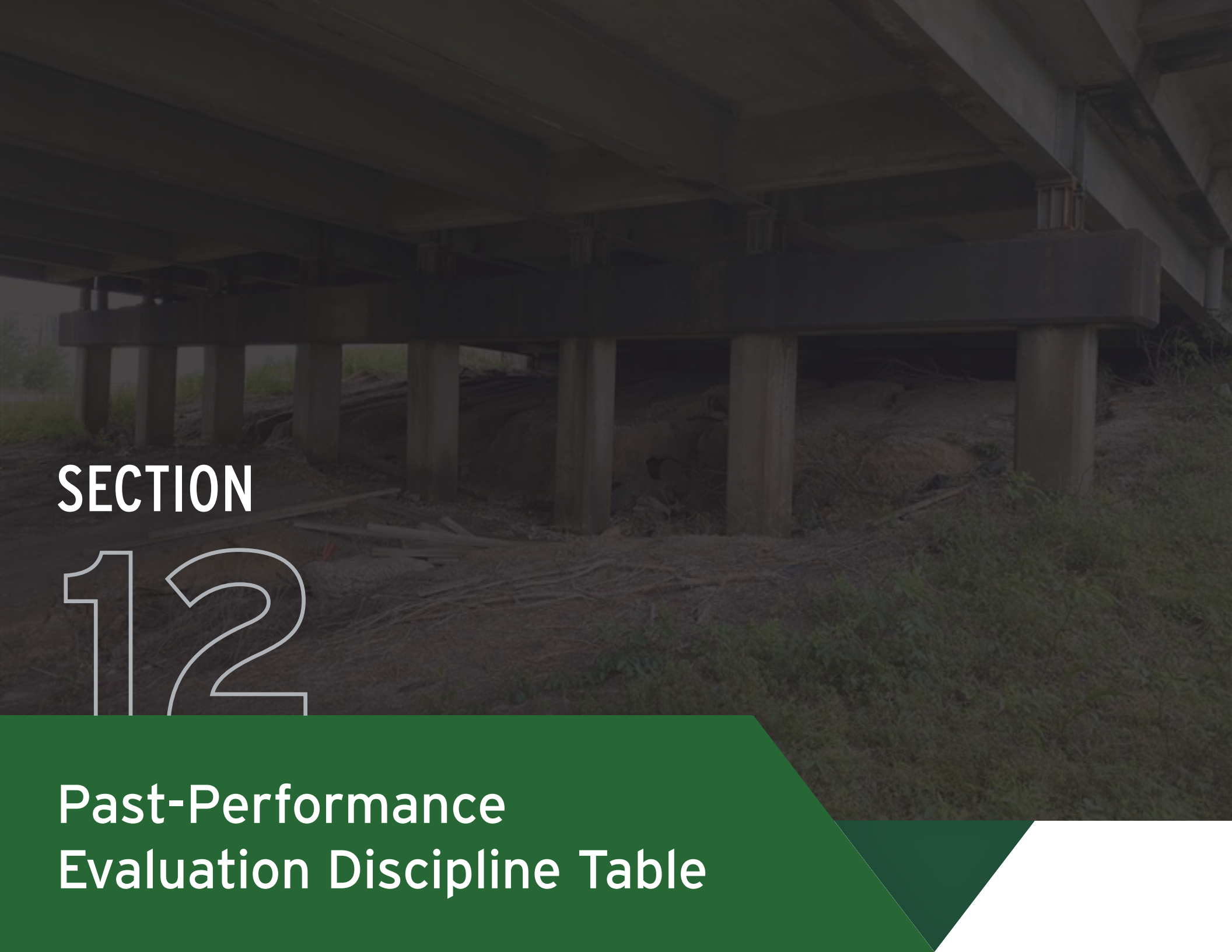
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):

N/A

Firm(s)' %:

N/A



SECTION

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**Past-Performance
Evaluation Discipline Table**

12. Discipline Table:							
Discipline(s)	% of Overall Contract	HNTB Corporation (Prime)	Ardaman & Associates, Inc.	ELOS Environmental, LLC	Forte & Tablada, Inc.	Moffat & Nichol, Inc.	Each Discipline must total to 100%
Bridge	83%	70%	0%	0%	15%	15%	100%
Geotech	5%	25%	75%	0%	0%	0%	100%
Road	5%	100%	0%	0%	0%	0%	100%
Traffic	2%	100%	0%	0%	0%	0%	100%
Survey	3%	0%	0%	0%	100%	0%	100%
Environmental	2%	60%	0%	40%	0%	0%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	67.55%	3.75%	0.80%	15.45%	12.45%	100.00%



SECTION

13

Team Size

13. Team 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)
HNTB Corporation (Prime)	Accountant	1	2
	CADD Technician	2	7
	Engineer	5	12
	Engineer Intern	2	6
	Engineer - Other	1	4
	Environmental Manager	1	3
	Planner	1	3
	Principal	1	3
	Senior Technician	2	5
	Supervisor - Eng	3	6
	Supervisor - Other	2	6
	Technician	1	3
Ardaman & Associates, Inc.	Administrative	1	1
	CADD Technician	2	2
	Clerical	1	2
	Engineer	1	6
	Engineer Intern	3	6
	Principal	2	3
	Senior Technician	3	9
	Supervisor - Eng	3	3
	Supervisor - Other	3	4
	Technician	3	15
ELOS Environmental, LLC	Environmental Manager	2	5
	Environmental Pro	3	10
	Inspector	1	1
	Archaeologist	1	2

13. Team 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)
Forte and Tablada, Inc.	Principal	1	2
	Supervisor - Eng	1	2
	Engineer	2	4
	Surveyor	3	5
	Inspector - Bridge	2	2
	Engineer Intern	3	4
Moffatt & Nichol, Inc.	Principal	1	10
	Administrative	1	5
	CADD-Operator	3	10
	Senior Technician	0	5
	Engineer Intern	2	8
	Engineer	3	12
	Supervisor - Eng	1	10
	Inspector - Bridge	2	10
	Inspector - Lead	2	15
	Supervisor - Other	1	5



SECTION

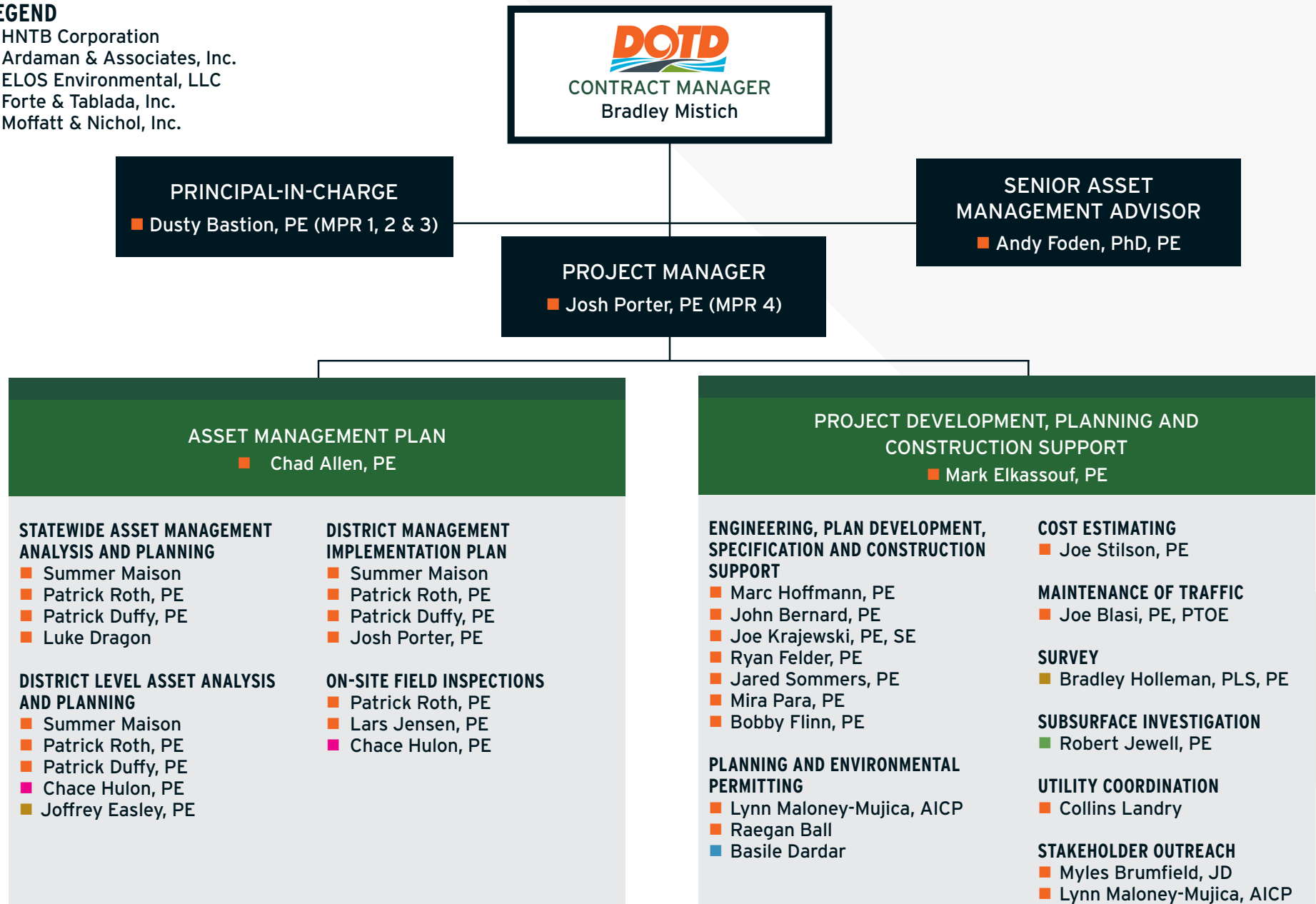
14

Organizational
Chart

14. Organizational Chart:

LEGEND

- HNTB Corporation
- Ardaman & Associates, Inc.
- ELOS Environmental, LLC
- Forte & Tablada, Inc.
- Moffatt & Nichol, Inc.



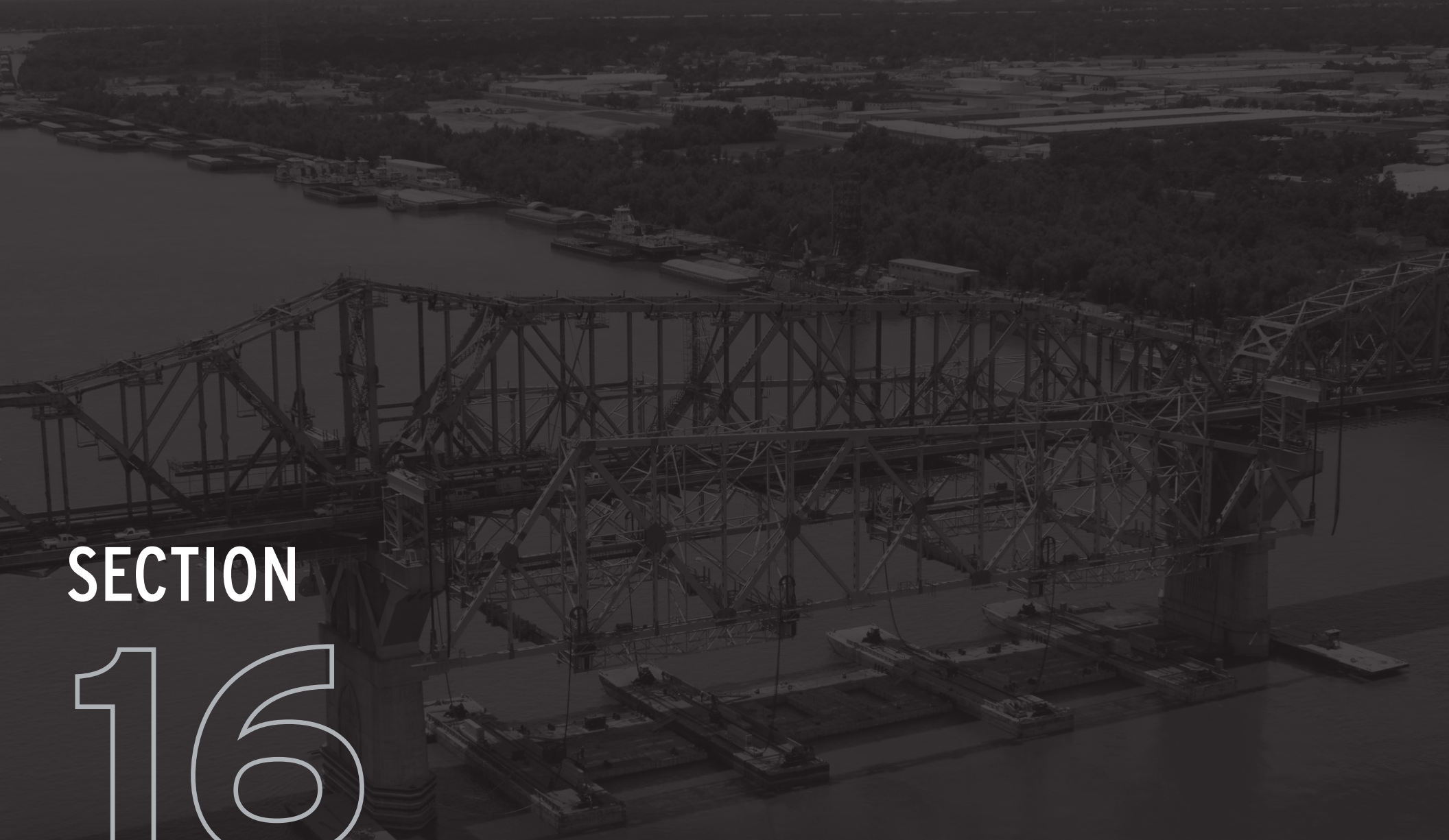


SECTION

15

**Minimum Personnel
Requirements**

15. Minimum Personnel Requirements					
MPR No.	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	Dusty Bastion, PE	HNTB Corporation	PE #36719 - Civil	LA	03-31-2028
2	Dusty Bastion, PE	HNTB Corporation	PE #36719 - Civil	LA	03-31-2028
3	Dusty Bastion, PE	HNTB Corporation	PE #36719 - Civil	LA	03-31-2028
4	Josh Porter, PE	HNTB Corporation	PE #39513 - Civil	LA	09-30-2027



SECTION

16

Staff Experience

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Josh Porter, PE		Years of relevant experience with this employer	10
Title	Project Manager		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS / 2010 / Civil Engineering		
Active registration number / state / expiration date		#39513 / LA / 09-30-2027		
Year registered	LA 2015		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Manager, District Implementation Plan (MPR 4)		
Josh has extensive experience in project management and delivery of LaDOTD projects which include bridge design and rehabilitation, roadway and drainage work, railroad relocation, temporary traffic control, geotechnical exploration and design and survey. He has experience leading the development of preliminary and final plans, being the point of contact for construction related engineering services, answering contractor questions and RFI's, developing cost estimates for a wide variety of projects, participating in value engineering studies and leading various evaluation studies. He has extensive experience in working with LaDOTD in developing task orders for IDIQ contracts including Alternative Delivery IDIQ, Critical Projects IDIQ, Bridge Preservation IDIQ, Bridge Inspection IDIQ and Bridge Load Rating IDIQ.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/24-Present	LaDOTD, GNO No. 2 Bridge Repairs, New Orleans, Louisiana Project manager for a project to repair the GNO No. 2 bridge over the Mississippi River. Project involved developing repair plans to address a critical issue found throughout the main truss of the bridge. Plans included modifications to the detail, installation of splices to bring the capacity of the members back up to original strength, and cleaning and spot painting.			
08/23-Present	LaDOTD, Bridge Load Rating Retainer, Statewide, Louisiana Project manager for the load rating of complex bridge structures in Louisiana. Bridge elements evaluated under this contract include: vertical lift spans, pontoons, wing spans continuous steel plate girders, prestressed girders, reinforced concrete beams, slab spans, pile bents and steel grid decks			
02/22-Present	I-10 Calcasieu Interim Bridge Repairs, Baton Rouge, Louisiana Project manager and engineer of record of a repair project to extend the life span of the I-10 Bridge over the Calcasieu River in Lake Charles, Louisiana. Project included inspection, repair recommendations report, coordination with the owner on repair selections, repair design and plan development and engineering support during construction.			
12/24-Present	LaDOTD, Critical Projects IDIQ, Statewide, Louisiana Design services manager for the Critical Projects IDIQ. Responsible for coordination of task order development and delivery for all task orders for design services for the contract.			
08/21-06/23	LaDOTD Orange Street over I-20 Repair, city, Louisiana Project manager for a bridge repair project of a steel girder bridge over I-20 in Monroe, Louisiana. The project involved structural repair plans and extensive traffic control plans. Coordinated the efforts of the traffic engineers working with the LaDOTD traffic engineering.			
01/21-10/22	LaDOTD, Gramercy Rehabilitation, Gramercy, Louisiana Project manager for a bridge painting and rehabilitation project of the LA 3213 Gramercy truss bridge over the Mississippi River. Project included inspection of the bridge and subsequent repair recommendation report, bridge rehabilitation of the approach spans and main truss spans, and painting of the steel approach spans and main truss spans. Developed the construction cost estimate capturing the cost of the unique nature of the repairs, as well as the painting of all steel members on the bridge. Participated in the value engineering study initiated by the LaDOTD.			



16. Staff Experience:	
05/20-06/22	LaDOTD, LA 3250 I-49/UPRR Overpass Repair, Alexandria, Louisiana Project manager for a repair of a bridge crossing I-49 and the Union Pacific Railroad (UPRR). Performed the assessment of the damaged structure to determine repair needs. Developed the concept of the replacement utilizing accelerate bridge construction (ABC) techniques. Led the design team in the analysis of the new segment. Oversaw the detailing of the new segment and the outlining of the removal section to allow for seamless placement of the new segment within the footprint of the removed segment.
01/18-10/18	LaDOTD, LA 70 over Pierre Part Bay, City, Louisiana Project manager for a bridge rehabilitation study. The project involved the inspection, load rating, and evaluation of a movable swing span bridge in south central Louisiana. Participated in the full inspection of the movable bridge. Managed several engineering disciplines including structural, inspection, electrical, and mechanical. Led the development of a bridge rehabilitation and repairs recommendation report with cost estimates.
10/16-07/18	LaDOTD, Load Rating of Complex Bridges, Rapids and St. Mary Parishes, Louisiana Lead rating engineer for this project which involved the inspection and load rating of two truss bridges: the LA 182 over Charenton Canal Bridge and the Jackson Street Bridge over the Red River. Completed the load rating of the Charenton Canal truss and reinforced concrete spans, developed the load rating report, and in a separate project, developed means to rehabilitate the structure. Lead the inspection of the Jackson Street Bridge in Alexandria, Louisiana. Also oversaw and checked the rating of the truss and steel girder spans and substructures of the Jackson Street Bridge.
12/14-06/15	LaDOTD, 18 Posted Bridges, Various Locations, Louisiana Load rating engineer and inspector for the development of recommendations of methods to remove the load posting of 18 bridges throughout major truck routes in Louisiana. Led the inspections to verify major deficiencies listed in previous inspection reports. Performed analysis and evaluation, and developed final recommendations on removing the posting by recommendation of rehabilitation or replacement of the bridges. The bridges included reinforced concrete girder spans, prestressed concrete girder spans, steel truss swing spans and reinforced concrete slab spans.
08/19-05/20	LaDOTD, I-10 Calcasieu Widening Evaluations, Baton Rouge, Louisiana Project manager and lead engineer for the evaluation of 27 structures, along the I-10 corridor in Calcasieu Parish, Louisiana. Bridges along the corridor were load rated, inspected, and evaluated for widening. A recommendations report based on the findings was submitted and used as the basis of development for the scope of the I-10 Calcasieu Widening Project. Structures included haunched concrete girders, T-beams, steel girders, and prestressed concrete girders.
02/14-03/14	LaDOTD, I-10 Bridge Evaluation near Lafayette, Lafayette and St. Martin Parishes, Louisiana Load rating engineer who developed load rating models for many of the superstructures, determined which bridges met the minimum criteria allowing widening, developed cost analysis for widening versus replacements, developed reports outlining the benefits of each. The project was to evaluate 22 bridges along the I-10 corridor near Lafayette, Louisiana for widening.
06/19-06/21	LaDOTD, LA 1 Leeville to Golden Meadow Phase 2, Leeville, Louisiana Task leader for the design and plan development of the slab span portion of the structure from grade to over the levee. This task included 81 slab spans of varying widths and geometries to accommodate the T-intersection at the beginning of the bridge. The T-intersection was laid out to accommodate the tolling system that would be required for the structure. Responsibilities included preliminary alignment and layout, superstructure design and details of the slab spans, substructure analysis and plan production, preliminary and final plan development, checking plans and design calculations, and developing quantity and cost estimates.
07/17-06/18	LaDOTD, U.S. 90 over I-10 Overpass Interim Repairs (Calcasieu), City, Louisiana Engineer on repair plans to extend the life of a bridge over I-10 in West Lake, Louisiana. Project included a deck replacement, bearing replacements, joint rehabilitation, cleaning and painting, concrete patching and epoxy injection.
11/19-11/20	LaDOTD, Off-System Bridge Rating (53 Bridges), Statewide, Louisiana Project manager and lead load rating engineer for a large off-system load rating task. Many structures require load rating to comply with Federal Highway Administration (FHWA) National Bridge Inspections Standards (NBIS) Metric #13. Led the effort overseeing the team to rate the various structures, which included prestressed girder bridges, rolled I-beam bridges, steel plate girders, and reinforced concrete slab spans. Many structures had poor quality, incomplete, or completely missing plans. Utilized engineering judgment and coordination efforts with the LaDOTD load rating group to develop the load ratings of structures with missing or incomplete plans.
06/20-02/22	LaDOTD, I-20 Overpass Rehabilitation, Bossier City, Louisiana Task manager overseeing the load rating of 14 structures, including complex structures, along the I-20 corridor. The ratings were performed using BrR, RC Pier, and 3D FEA software LARSA. Structure types included curved steel structures, haunched concrete girders, and straight steel continuous girders with kinked connections to allow for the roadway curvature. The overall project was to develop median barrier replacement to coincide with the replacement of the existing pavement. Approach slabs and backwalls were replaced on several of the structures.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Todd "Dusty" Bastion, PE	Years of relevant experience with this employer	14
Title	Principal-in-Charge	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2007 / Civil Engineering	
Active registration number / state / expiration date		#36719 / LA / 03-31-2028, #19341 / AR / 12-31-2027, #21004 / MS / 12-31-2026, #40122 / SC / 06-30-202, #136915 / TX / 12-31-2026	
Year registered	LA 2011, AR 2020, MS 2012, SC 2022, TX 2020	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Principal-In-Charge (MPR 1, 2 & 3)	
Dusty has experience in project management, design, detailing, analysis, inspection and load rating of bridge structures. His experience includes many types of superstructures and substructures in projects varying from multi-level interchanges to off-system bridge replacements. His responsibilities include structural design, plan development, specifications development, cost estimating, quality control review and project management ranging from standard bridge projects to non-typical accelerated time frame projects. He is proficient with AASHTO LRFD bridge design specifications and experienced in MicroStation, InRoads, ProjectWise, STAAD, Conspan, Mathcad, RC Pier and BrR. He is a former LaDOTD bridge design section engineer and he has unparalleled knowledge of LaDOTD's plan development and contracting processes. Dusty was the project manger for the two previous bridge preservation IDIQ contracts held with the department, and his understanding of what the department expects and his ability to deliver assignments in a timely manner is unmatched.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/22-Present	LaDOTD, 2022, 2025 Retainer Contracts for National Bridge Inspection Standards (NBIS) Inspection of Complex Bridges, Statewide, Louisiana Principal-in-charge for the NBIS in-depth inspections of I-310 Luling MS River, U.S. 190 Baton Rouge Mississippi River Bridge, I-310 Luling Mississippi River Bridge, John James Audubon Mississippi River Bridge, U.S. 90 New Orleans Mississippi River Bridges, I-10 Calcasieu River Bridge, and the I-10 Baton Rouge MS River Bridge. His responsibilities included project administration and oversight of inspection planning, scheduling of personnel and equipment, report development, quality assurance/quality control (QA/QC) and contract adherence.		
09/22-Present	LaDOTD, 2022 Bridge Preservation IDIQ, Statewide, Louisiana Principal-in-charge for this task-order-based IDIQ contract focused on bridge preservation. Over the four years, he has directly supported the contracting and execution of nearly 20 task orders. Task orders have consisted of interstate median barrier design and detailing (I-12 Median Barrier Retrofit and I-110 Pavement Preservation), bridge replacements using phased construction (LA 47 over Bayou Bienvenue, I-12 over Hog Branch, and Larto Lake) and bridge rehabilitations (LA 3139 Ramp Repair, GNO Rehab, and Airline Hwy at I-12). He has provided oversight of production staff, including plan development guidance, sequence of construction input, construction support oversight, internal coordination and coordination with LaDOTD personnel. Due to time-sensitive project delivery needs, many projects required accelerated project delivery.		
04/20-04/25	LaDOTD, 2020 IDIQ Contract for Bridge Preservation, Statewide, Louisiana Principal-in-Charge for this task order based IDIQ contract focused on bridge preservation. Over the two years, he has directly managed the contracting and execution of 14 task orders with more currently in the contracting process. Task orders have consisted of interstate median barrier design and detailing (I-20 in Bossier and I-110 in Baton Rouge), bridge replacements using phased construction (LA 1 over Caddo Lake in Mooringsport), and girder replacements/repairs due to overheight vehicle impacts (Orange Street over I-20 in Monroe, LA 3250 over I-49 in Alexandria, I-12 over LA 1032 in Denham Springs). He has provided direct oversight of production staff, including plan development guidance, sequence of construction input, construction support oversight, internal coordination and coordination directly with LaDOTD personnel. Due to time-sensitive project delivery needs, many projects required accelerated project delivery and he collaborated with LaDOTD task managers to understand schedule needed to ensure no project delivery delays occurred.		



16. Staff Experience:	
08/15-04/22	LaDOTD, 2015 Retainer Contract for Bridge Preservation, Statewide, Louisiana Project manager for this task order based retainer contract focused on bridge preservation. Over the nearly 6.5 years this contract has been active, he directly managed the contracting and execution of 32 task orders. Task orders consisted of bridge rehabs/replacements using ABC techniques (I-20 Rehab in Bossier, U.S. 80 over I-20 in Calhoun, U.S. 90 over LDRR and LA 329 in New Iberia, U.S. 90 over LA 14 in New Iberia, I-10 Slab Spans over Veterans Boulevard in New Orleans), bridge replacements using conventional construction techniques (LA 442 over Tangipahoa River in Hammond, Louisiana 532 over I-20 near Minden), and analysis/rehabilitation of through-truss structures (LA 182 Bridge in Charenton, U.S. 90 Atchafalaya Bridge in Morgan City). He provided direct oversight of production staff, including plan development guidance, sequence of construction input, construction support oversight internal coordination, and coordination directly with LaDOTD personnel.
06/12-Present	LaDOTD, I-10 Calcasieu River Bridge Environmental Impact Statement, Lake Charles, Louisiana Structural lead whose responsibilities include line and grade investigations to determine lengths, widths, and structure types of all bridge structures to be replaced within the study limits. Particular focus has been on the layout of elevated interchanges and developing structural design solutions to minimize or eliminate negative impacts from hazardous chemicals present in the soil. Current efforts include determining structure layouts that interface with at-grade infrastructure to guarantee the final solution ensures traffic and safety improvements.
03/17-05/17	LaDOTD, U.S. 90 over Atchafalaya River Bridge Inspection, St. Mary Parish, Louisiana Project manager for this steel through-truss structure, which crosses the Atchafalaya River in St. Mary Parish. This project consists of numerous structural repairs to the steel superstructure and painting work which will allow the bridge to function for the foreseeable future. He has managed distribution of all work assignments to-date, including both internal assignments and workshare with other offices. This project development phase was accelerated to allow the client to start construction work as early as possible. Prior to bridge rehabilitation work, he participated as a lead inspector in the in-depth inspection of this structure. All bridge repairs were developed based off of this in-depth inspection.
04/13-Present	LaDOTD, LA 1 Leeville to Golden Meadow Phase 2, Leeville, Louisiana Project manager for this bridge project, which will eventually connect at-grade LA 1 to the existing Phase 1 structure. His duties include coordination with LaDOTD personnel, superstructure development, substructure development, and geometric alignment development. His additional project coordination responsibilities include subconsultants, permits, utilities, electrical/lighting design, intelligent transportation systems (ITS) design, and tolling system design. This project is multi-faceted, including a phased design and construction approach, a tolling facility, levee, flood wall and pipeline crossings, unique ABC methods, and environmental regulations. This project is currently under construction and he is leading all construction support services activities.
08/15-05/18	LaDOTD, Florida Avenue Electrical and Structural Repairs and Pinion Bearing Replacement, New Orleans, Louisiana Project manager for these two movable bridge rehabilitation projects in New Orleans, Louisiana. The Florida Avenue Bridge is a vertical lift-span bridge owned by the Port of New Orleans, which carries vehicular and rail traffic over the Inner Harbor Navigation Canal (IHNC). The electrical and structural repairs were required to fix damages caused by Hurricane Katrina and an unrelated vessel impact. The pinion bearing replacement repairs were required to ensure the bridge's continuous operation for vessel traffic along the IHNC. This bearing replacement project was developed and completed in less than two months. He handled all project communication and coordinated all work assignments related to these two projects.
07/17-Present	LaDOTD, St. Claude Avenue Bridge Link Pin Repairs, New Orleans, Louisiana Project manager for this movable bridge rehabilitation project in New Orleans. The St. Claude Avenue Bridge is an approximately 100-year-old strauss-type single-leaf bascule bridge that carries four lanes of vehicular traffic over the IHNC. These structural and mechanical repairs are required to restore a rotating joint that has deteriorated over time. These repairs will ensure the structure can continue to operate for the foreseeable future. He coordinated all project work and developed plans and specifications for this project. He is also assisting with construction inspection.
07/12-04/16	I-20 Ouachita River Bridge, Ouachita Parish, Louisiana Project manager for this project, providing bridge rehabilitation for 16 connected bridge structures. He performed a damage assessment inspection including the main span over the Ouachita River and developed plans for this project work, which includes cleaning and painting of steel girders, structural concrete repairs, girder bearing replacement, finger joint replacement, joint seal installation, barrier rail modifications, epoxy deck overlay, and guardrail installation. Project work also included development of a TMP.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Andy Foden, PhD, PE		Years of relevant experience with this employer	3
Title	National Practice Consultant		Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization		PhD / 1999 / Structural Engineering, BS / 1994 / Structural Engineering		
Active registration number / state / expiration date		#434550 / NJ / 04-30-2028, #107746 / NY / 04-30-2026, #089285 / PA / 09-30-2027		
Year registered	NJ 2002, NY 2023, PA 2019		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Senior Asset Management Advisor		
Andrew brings more than 30 years of experience delivering innovative, resilient, and cost-effective solutions for complex transportation infrastructure. At HNTB, he leads strategic initiatives that integrate advanced engineering principles, emerging technologies, and high-performance materials to extend the service life of critical assets. His expertise spans the full bridge life cycle, including planning, design, construction, preservation, seismic retrofitting and ABC. Andrew has served as a trusted advisor to federal, state and regional agencies nationwide, influencing national standards and best practices. He also leads deployment of structural health monitoring systems that support data-driven asset management, improved safety and long-term performance.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/25-Present	New Jersey Turnpike Authority (NJTA), GCE Priority Bridge Replacement Dashboard, Statewide, New Jersey Senior technical advisor on the development of a cloud-hosted bridge prioritization and asset management dashboard supporting data-driven bridge replacement and preservation decisions. Provided subject-matter guidance on bridge inspection data interpretation, asset management strategies, and replacement prioritization frameworks used to evaluate more than 1,100 bridge assets. The tool integrates inspection results, historic and planned contract information, cost modeling, and long-term deterioration concepts to support geographically logical contract development and capital planning decisions.			
08/25-Present	Massachusetts Department of Transportation (MassDOT), Rehabilitation of Tobin Bridge Approach Spans, Boston, Massachusetts Structures lead for the Tobin Bridge approach spans, providing critical structural engineering expertise to avoid load posting and extend the service life of the bridge. Led refined load rating analyses of the approach span superstructure, improving analytical fidelity beyond initial ratings and demonstrating adequate capacity under legal loads, thereby preventing the required load posting. Directed the assessment and rehabilitation design of severely deteriorated reinforced concrete cap beams affected by alkali-silica reaction (ASR) and freeze-thaw damage. Led the development and design of an Ultra-High Performance Concrete (UHPC) jacket system to restore structural capacity, improve durability, and mitigate ongoing deterioration while minimizing construction impacts. In parallel, oversaw a comprehensive investigation into the root cause of the cracking observed in the box girders, which had driven the original conservative load rating assumptions. The assessment included detailed condition evaluation, structural analysis, and constructability review to distinguish distress mechanisms from true load-carrying deficiencies. Findings supported revised rating assumptions and informed targeted repair strategies, contributing directly to avoiding unnecessary load restrictions.			



16. Staff Experience:	
02/23-Present	Tampa-Hillsborough County Expressway Authority (THEA), General Engineering Consultant Services, Tampa, Florida Provided critical support to the THEA to advance preservation and long-term performance of the Selmon West Expressway. Led forensic evaluation of post-tensioning strand failures in multiple tendons, identifying root causes and supporting immediate remediation and long-term preservation strategies. Developed a targeted testing program incorporating advanced nondestructive evaluation (NDE/NDT) techniques to assess post-tensioned elements without damaging the structure. Designed a preliminary acoustic emission (AE) monitoring system to detect and localize future wire breaks, enabling real-time condition assessment and proactive maintenance planning. Also developed a bridge vehicle strike monitoring system using wireless sensor technology to improve rapid response to impacts and reduce risk of undetected structural damage. Created a methodology to evaluate remaining service life of aging post-tensioned girder sections by integrating NDE/NDT data, structural analysis and material durability models. This work provides THEA with a framework to prioritize repairs, allocate resources effectively and maintain long-term system performance.
01/23-12/23	FHWA, Incorporation Non-Destructive evaluation and Structural Monitoring Methods into Bridge Deck Preservation Strategies, Washington, District of Columbia Subject matter expert who was part of a national research initiative focused on evaluating the feasibility and cost-effectiveness of integrating nondestructive evaluation (NDE) and structural monitoring (SM) techniques into bridge deck preservation strategies. The objective of this project was to develop a data-driven, proactive approach to managing bridge deck conditions by enabling early detection of deterioration, facilitating timely intervention, and ultimately extending service life while optimizing maintenance investments. He helped develop new procedures for collecting and interpreting condition data and developed trigger thresholds and intervention criteria to guide the timing and type of preservation treatments. His work also contributed to the formulation of standardized protocols that DOTs could adopt to embed monitoring into preservation decision-making processes. To support national implementation, Andy prepared technical guidance and best practice documentation that translated research findings into practical tools for asset managers and bridge engineers. These materials included guidelines for condition assessment workflows, and step-by-step procedures for integrating monitoring into routine maintenance planning. These resources were structured to help agencies implement repeatable, scalable and cost-effective preservation strategies.
02/23-09/24	FHWA, Every Day Counts Ultra-High-Performance Concrete for Bridge Preservation and Repair, Washington, District of Columbia Lead subject matter expert, Andy led a national initiative with the FHWA to accelerate the adoption of UHPC as a transformative solution for bridge preservation and repair. This work supported Every Day Counts Round 6 (EDC-6) and was part of FHWA's broader effort to equip state departments of transportation with durable, cost-effective strategies to extend the service life of aging bridge infrastructure. UHPC is a game-changing material due to its exceptional durability, strength, and long-term performance in harsh environmental and loading conditions. Andy assisted the FHWA UHPC Deployment Team in promoting a suite of innovative repair solutions designed to address key deterioration mechanisms and structural performance challenges in existing bridges. The initiative highlighted three primary, high-impact preservation concepts, along with several emerging applications, each aligned with specific preservation and repair needs within the national bridge network. The key concepts include: 1) UHPC overlays for bridge decks; 2) deteriorated bridge girder repair; and 3) expansion joint replacement with UHPC link slabs. Andy played a central role in the development of design guidance, integrating technical specifications, detailing practices, and performance criteria to ensure effective and consistent implementation. He also created and delivered technical workshops, engaging state DOTs and stakeholders to build local capacity, transfer knowledge, and support field deployment. In addition, he conducted technical reviews of project drawings and specifications to ensure alignment with FHWA guidance and preservation-focused best practices.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Chad Allen, PE		Years of relevant experience with this employer	2
Title	Asset Management Practice Consultant		Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization		MS / 2002 / Civil Engineering, BS / 1996 / Civil Engineering		
Active registration number / state / expiration date		#018-0007889 / VT / 07-31-2026		
Year registered	VT 2001		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Asset Management Plan (Task Lead)		
Chad is an asset management leader with 30+ years of experience guiding DOTs in developing and implementing data-driven, risk-based programs for transportation assets. He has led large, statewide asset management programs, improving performance and investment strategies through enterprise systems, advanced analytics and stakeholder-driven decision-making.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/24-Present	THEA, Asset Management Implementation, Tampa, Florida Asset management adviser providing asset management support and guidance to THEA to support the growth and development of their asset management program and framework.			
10/20-04/24	Seattle Department of Transportation (SDOT), Asset Management Strategy, Seattle, Washington Asset and performance management program manager who led the development of SDOT’s initial transportation asset management plan. This plan provided a data driven, risk-based, and performance-based approach towards asset management. Led risk management strategies with various teams to explore challenges and obstacles that impact performance. Chad guided the team in the development of risk response strategies which were used to develop an overall asset management road map to guide SDOT on its asset management journey. Asset lifecycle planning scenarios were developed for SDOT’s seven highest value assets that were incorporated into asset lifecycle plans to inform investment discussions and planning activities.			
2022-2024	SDOT, Impact Analysis Framework, Seattle, Washington Asset and performance management program manager who provided the vision and thought leadership to fuel the development of an equity-based framework with a dual reporting focus on direct outputs and on communicating outcomes and impacts within Seattle’s neighborhoods.			
04/24-Present	Southeastern Pennsylvania Transportation Authority (SEPTA), Enterprise Asset Management System (EAMS) Implementation Support, Philadelphia, Pennsylvania Asset management adviser providing executive support and guidance to SEPTA and HNTB’s project management team to facilitate efficient implementation of SEPTA’s EAMS.			
01/17-10/20	Vermont Agency of Transportation (VTrans), Transportation Asset Management Plan (TAMP), Statewide, Vermont Asset management and performance Bureau director who led the development of the agency’s initial TAMP that formalized and communicated federal pavement and bridge performance targets. Developed communication documents to help tell VTrans’ asset management story at the State Legislature.			
01/16-01/19	VTrans, Vermont Asset Management Information System (VAMIS), Statewide, Vermont Asset management and performance bureau director who developed the contract documents and supervised the contracting and procurement process to select VTrans’ first EAMS. Used agile methodology to manage the team guiding the initial implementation of VAMIS across multiple asset classes. He developed communication strategies to facilitate change management to support the new EAMS.			



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Summer Maison		Years of relevant experience with this employer	6
Title	Senior Project Manager - Technology		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2015 / Urban Planning and Policy, MS / 2006 / Social Work, BA / 2003 / Sociology		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Statewide Asset Management Analysis and Planning, District Level Asset Analysis and Planning, District Management Implementation Plan		
Summer brings 11 years of experience in asset management, maintenance planning, capital programming, GIS, National Transit Database reporting, financial modeling, discretionary grant application development at the federal and local levels, cost-benefit analysis and contract administration. Her work has supported asset management strategies for agencies including the New Jersey Turnpike Authority and the Mississippi Department of Transportation.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/25-09/25	NJTA, GCE Priority Bridge Replacement Dashboard, Statewide, New Jersey Task lead who collaborated with a cross-functional team to analyze National Bridge Inventory data, conduct statistical analytics, build customized deterioration models by bridge type, and forecast 20-year bridge replacement costs. HNTB provides asset management and bridge life-cycle analytics services to enhance NJTA's data-driven approach to capital programming.			
09/24-Present	Mississippi Department of Transportation (MDOT), Multiplan 2050, Jackson, Mississippi Planner collaborating with a multidiscipline team to support pavement and bridge data analysis, development of the 2050 long range transportation plan, and the 2026 Transportation Asset Management Plan update.			
11/24-Present	THEA, Asset Management Implementation, Tampa, Florida Task lead providing asset management support services to develop and grow THEA's bridge, pavement, ancillary structures and facilities asset management program and framework. Summer coordinates a multidisciplinary team to create asset hierarchies, data dictionaries, and rating scales; develop deterioration models to support life-cycle planning; and implement facility condition assessments.			
04/24-Present	Norfolk Southern, Asset Management Roadmap, Atlanta, Georgia Lead asset management advisor developing the roadmap document defining the Structures Asset Management Initial Concept Development to manage inventory and inspection data for bridge, culvert, and tunnels. HNTB developed a phased plan to replace the legacy information systems with a modern, integrated platform for managing bridge, culvert, and tunnel data, including change management, data collection, inspection workflows system integration, and cost estimates.			
11/23-Present	Massachusetts Bay Transportation Authority (MBTA), Asset Management Implementation Support, Boston, Massachusetts Project manager coordinating a multidiscipline team to deliver asset information support services for a transit facility and maintenance-of-way projects. Services include recording assets from design and as-built plan sets based on MBTA hierarchies and templates, identifying opportunities for program documentation improvement and making recommendations.			



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Patrick Roth, PE		Years of relevant experience with this employer	14
Title	Project Manager		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering		
Active registration number / state / expiration date		#41553 / LA / 09-30-2027, #28132 / MS / 12-31-2026		
Year registered	LA 2017, MS 2017		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Statewide Asset Management Analysis and Planning, District Level Asset Analysis and Planning, District Management Implementation Plan, On-Site Field Inspections		
Patrick serves as project manager and National Highway Institute/FHWA certified team leader in HNTB's bridge group. He brings 18 years of structural and bridge engineering experience including the inspection, analysis, rehabilitation of existing structures and design of new bridges. Patrick is also experienced in construction management and has provided on-site services for bridge construction projects. As project manager/lead inspection team leader, he is responsible for planning, scheduling all personnel and equipment, coordinating with multiple agencies a, district bridge engineers and district maintenance in the field to ensure completion of the project with high quality, on time, on budget and to the client's satisfaction.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/16-Present	LaDOTD, NBIS Inspection of Complex Bridges Retainer Contracts, Statewide, Louisiana Project manager and team leader for the NBIS in-depth inspections of U.S. 190 Baton Rouge Mississippi River Bridge, I-310 Luling Mississippi River Bridge, LA 10 John James Audubon Mississippi River Bridge, U.S. 90 Greater New Orleans (GNO) Cantilever Truss Bridges, LA 23 Judge Perez Bridge, LA 1 Lockport Bridge, U.S. 90 Atchafalaya Mississippi River Bridge, I-10 Calcasieu River Bridge, I-10 Baton Rouge Mississippi River Bridge, U.S. 90 Danziger Bridge, Senator Ted Hickey Bridge and Claiborne Avenue Bridge. Each inspection has to be coordinated with the district bridge engineer who we work with to allow their maintenance crew to use our lane closures to perform routine maintenance like patching deck spalls, cleaning joints and scuppers, and repairing bridge rails. On the Calcasieu bridge inspection, the district has had to work with HNTB on several inspections to repair findings on rocker bearings and finger joints. Upon completion of the inspections, HNTB prepared inspection reports in accordance with LaDOTD and FHWA requirements, as well as developed recommendations for maintenance and rehabilitation. Each inspection report includes inputting all inspection data and Specifications for the National Bridge Inventory (SNBI) updates into LaDOTD's asset management system, InspectX.			
05/21-05/22	Arkansas Department of Transportation (ARDOT), Hernando de Soto Bridge (I-40) over the Mississippi River, West Memphis, Arkansas to Memphis, Tennessee Team leader for the emergency inspections of the back-to-back, 900-foot tied trussed arch bridge. These inspections resulted from the identification of a significant fracture in a section of the fracture critical tie girder, requiring immediate closure of the span to traffic and the Mississippi River to navigation traffic. HNTB assisted ARDOT with the review of repairs designed by the TDOT consultant. HNTB developed a structural model which demonstrated that there was no viable alternative load path and that the bridge should remain closed until repairs could be safely implemented.			
03/17-05/17	LaDOTD, U.S. 90 over Atchafalaya River Bridge Inspection and Rehabilitation, St. Mary Parish, Louisiana Certified team leader and on-site project engineer performing construction engineering and inspection (CE&I) services for the bridge rehabilitation, as well as certified team leader for the NBIS in-depth inspection of the bridge to assist in the development of the rehabilitation plans. Duties as project engineer included answering requests for information (RFI), reviewing shop drawings and contractor submittals, inspection of structural construction activities, final acceptance inspection and QA, and assisting the LaDOTD with closeout documentation.			
10/16-03/18	LaDOTD, Bridge Load Rating Retainer, Statewide, Louisiana Inspection lead for the load rating of complex bridge structures in Louisiana. Bridge elements evaluated under this contract include vertical lift spans, pontoons, swing spans, continuous steel plate girders, prestressed girders, reinforced concrete beams, slab spans, pile bents, slab spans, and steel grid decks.			



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Patrick Duffy, PE	Years of relevant experience with this employer	5
Title	Project Manager	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2020 / Civil Engineering; BS / 2016 / Civil Engineering	
Active registration number / state / expiration date		#45363 / LA / 09-30-2027	
Year registered	LA 2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Statewide Asset Management Analysis and Planning, District Level Asset Analysis and Planning, District Management Implementation Plan	
Patrick is a project manager within HNTB's Gulf Coast District Bridge Department. He has experience working in traditional bridge engineering services of design, rehabilitation and load rating, as well as experience in asset management planning, program management, owner's verification services and discretionary grant applications.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/23-Present	LaDOTD, Screening, Selection & Engineering, IIJA Off-System Bridge Program, District 61, East Baton Rouge Parish, Louisiana Program manager of this \$38.5 million off-system bridge replacement program consists of developing the selected projects for the program and completing all design services necessary to replace fair and poor condition off-system bridges in East Baton Rouge Parish. The program began with HNTB performing services to determine the project locations selected for this program which utilizes federal funding facilitated through LaDOTD to replace parish owned bridges. The screening process started with researching eligible structures, coordinating with local stakeholders, and selection of structures for inclusion in the IIJA OffSystem Bridge Program. A specific screening tool was created to maximize the available funding to replace the most poor or fair bridges possible. The results of the screening created a program to replace 13 bridges separated into 10 different projects. HNTB then completed all design services required to deliver these projects. Each bridge replacement project includes coordination with LaDOTD, East Baton Rouge Parish and other stakeholders, management of multiple subconsultants, delivery of this multi-discipline project, and construction related services. Disciplines include bridge design, roadway design, environmental services, geotechnical design, geotechnical testing, survey, ROW mapping, traffic control and hydraulics.		
01/24-03/24	East Baton Rouge (EBR) Parish, Bridge Investment Program, Baton Rouge, Louisiana Bridge technical lead for a Bridge Investment Program (BIP) discretionary grant application to replace three bridges in EBR Parish. This project included structure asset review and planning, and stakeholder engagement. Development of this grant included a review of EBR's bridge assets and selecting bridges that were most competitive for an application. The final application consisted of three poor rated structures, two of which were in USDOT disadvantaged communities, to be replaced. Each of the three bridges comprising the project cross water features, all of which are prone to flooding and overtopping the bridges and were identified in either the EBR parish-wide stormwater masterplan or the City of Central, master drainage plan.		
04/21-12/24	LaDOTD, IDIQ Contract for Bridge Preservation, Statewide, Louisiana Project engineer who performed design and analysis services for the LaDOTD IDIQ Contract for Bridge Preservation. Projects under this contract include assessing bridge existing conditions and designing bridge repairs for bridge impact, designing bridge rehabilitation plans including heat straightening, CFRP repairs, concrete deck patching, joint replacement and bearing replacement. In the I-110 North Street to Plank Road task order he was tasked with assessing bridge superstructure impact damage and designing bridge repairs to the North 19th Street Bridge. This bridge repair project is part of the larger ongoing I-110 corridor improvements project. To assess the impact damage, existing plans and up to date inspection reports were reviewed; a site visit was also performed. A bridge superstructure model was then developed in BrR properly reflecting the bridge in its damaged state. A bridge repair was design for the impacted members which was independently rated by hand calculations. These repairs were then generated in a BrR model that properly reflected the post-repair results. Additional tasks performed under this contract include QC/QA for multiple task orders through final plan development.		



16. Staff Experience:	
10/25-Present	LaDOTD, OLHC Bridge Bundle, Owner's Verification, Statewide Project manager representing LaDOTD in the replacement of 21 of 62 bridges by the Office of Louisiana Highway Construction (OLHC) under the \$100M Bridge Bundle Program. This owner verification role is to ensure the projects are designed and constructed in a manner that maintains their status for federal aid eligibility based on FHWA and LaDOTD standards, as well as review of serviceability and safety concerns. Management of this verification team includes leading multidiscipline reviews (bridge, roadway, traffic, hydraulics, and geotech), staffing reviews that match the demands of the program to ensure that every deliverable is reviewed and comments submitted within seven days, leading coordination efforts between LaDOTD, OLHC and District Representatives, leading team of document controls and schedulers to ensure records are kept and properly communicated to all parties, and representing LaDOTD in RFIs and comment resolution meetings with OLHC.
07/23-08/23	Lafayette Consolidated Government (LCG), Grant Management, Lafayette, Louisiana Bridge technical lead for the Lafayette Consolidated Government LCG bridge asset analysis under HNTB's Grants Management contract. This task order consisted of an analysis of LCG's bridge assets, including parish wide condition assessment and screening of potential bridge replacement candidates for discretionary grant funding.
06/25-Present	LaDOTD, Load Rating IDIQ, Statewide, Louisiana Project engineer assigned as task manager for the rating of five complex bridges. The project consists of analyzing five complex bridges with the goal of providing LaDOTD with an overall assessment of the current condition of each bridge as well as repair recommendations and plans if necessary. Bridge structure types in this project include swing span, pontoon, and vertical lift. This project included collecting existing bridge plans and inspection reports, determining proper load rating method and procedures on a case-by-case basis for each unique structure type, load rating analysis of the superstructure and substructure of existing bridges, report generation, assisting engineers through the load rating process, and providing QA/QC on all deliverables to the client.
11/23-Present	MOVEBR, Infrastructure Program, Baton Rouge, Louisiana Subject matter expert responsible for bridge and structural reviews for plans, feasibility studies, scopes, fees, and design criteria for this \$800M program of new capacity infrastructure projects on 40 roadways throughout East Baton Rouge. All deliverables are reviewed for contract compliance as well as compliance with LaDOTD, FHWA and East Baton Rouge standards.
7/19-9/20	LaDOTD, Load Rating of 396 Bridges, Statewide, Louisiana Structural engineer responsible for rating 13 bridges, and provided QA/QC review of the bridge models, results, and reports of 46 other bridges. He reviewed the as-built drawings of the bridges, determined the appropriate load rating method, performed load rating analysis on the selected bridges using AASHTOWARE Bridge Rating, LEAP Bridge Concrete, and MathCad, and wrote the load rating reports of the findings. The bridge types in this project are cast-in-place slab, precast slab units, concrete deck girder, prestressed concrete girders, steel plate-girders, frame culverts, arch culverts and swing spans.
10/17-9/18	LaDOTD, Load Rating of 18 Complex Bridges, Statewide, Louisiana Structural engineer tasked with the load rating of two bridges: a steel high truss swing span (Chef Menteur Highway over East Pearl River) and a steel plate girder swing span bridge (Bayou Jacob Road over Intercoastal Waterway). To properly load rate these bridges, he reviewed the as-built drawings of the bridge, determined the appropriate load rating method and procedures, created superstructure models in AASHTOWARE BrR and compiled a thorough report.
04/21-12/21	LaDOTD, LA 1 Phase 2 Bridge, Lafourche Parish, Louisiana Bridge engineer on the slab span substructure design team for the elevated bridge intersection connecting relocated LA 1 with the existing road. Task leader for load rating of new superstructure and substructure of Phase 2C. The project involved elevating an 8.3-mile stretch of two-lane, at-grade, rural State Highway 1 to 22 feet above the rising Gulf of Mexico and surrounding marsh to eliminate frequent inundation and consequential energy production impacts.
04/24-Present	LaDOTD, Urban Systems Program: Morrison Road, Mayo Avenue to Bullard Avenue, New Orleans, Louisiana Bridge design project manager for the Morrison Road bridge replacements and repairs. This project included the replacement of two bridges, repair plans for three bridges, and approach slab replacement for five bridges in New Orleans East as part of the complete street improvements to the Morrison Road corridor between Mayo Avenue and Bullard Avenue. This project is funded through the New Orleans Regional Planning Commission and requires adherence to LaDOTD requirements.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Luke Dragon		Years of relevant experience with this employer	1
Title	Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MS / 2024 / Structural Engineering, BS / 2023 /Civil Engineering		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Statewide Asset Management Analysis and Planning		
Luke is an engineer in HNTB's Lawrenceville, New Jersey office location. He specializes in large-scale analysis of critical infrastructure assets, leveraging expertise in artificial intelligence, data science, and computer programming to develop customized engineering solutions. Luke has extensive experience in structural health monitoring, bridge load rating, and inspection across a wide range of structure types, from conventional systems to complex long-span crossings. His work has informed agency asset management strategies, including contributions to the New Jersey Load Rating Manual and the New Jersey Turnpike Authority GCE.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/25-Present	NJTA, GCE Priority Bridge Replacement Dashboard, Statewide, New Jersey Lead developer for the NJTA Enhanced Priority Bridge Replacement Dashboard, a secure cloud-hosted Power BI application developed to modernize a legacy Excel-based bridge ranking tool. Using artificial intelligence as a force multiplier, Luke expanded the original assignment from limited spreadsheet revisions into development of a four-page dashboard that supports more scalable, consistent, and decision-focused asset management. Designed the dashboard to help users rapidly review bulk inspection data, prioritize candidate structures, and develop geographically logical replacement contracts. Built functionality for filtering bridge inventory by location and key criteria, reviewing inspection results and priority scores, and analyzing element-level condition data alongside ongoing contracts, capital initiatives, and contract history to support more holistic replacement decisions. Developed contract planning and cost modeling tools that allow users to compare deck, superstructure, and full bridge replacement scenarios and generate cumulative cost estimates for selected bridge groupings. The platform also supported the agency's transition from SI&A to SNBI coding by enabling evaluation of inventory managed under different inspection standards. Local versions were further enhanced with historical inspection data and 20-year deterioration modeling to inform long-term capital planning and funding needs.			
09/25-Present	MassDOT, Torbin Bridge Emergency Repairs, Boston, Massachusetts Lead engineer for emergency evaluation and repair design of a severely deteriorated reinforced concrete pier cap. Applied artificial intelligence to review and synthesize 15 years of bridge inspection data, identifying patterns in prior observations that had not previously been recognized. This effort revealed a systematic bearing thrust issue, indicating significant restraint forces that were driving major cracking in the superstructure. This data-driven evaluation supported the structural assessment during a high-consequence 30-day emergency condition. Through rapid analysis of inspection data and structural behavior, Luke developed satisfactory load ratings and helped avert unnecessary load posting of a major highway. The work provided the client with a defensible technical basis for decision-making during a critical response period. Following the emergency assessment, Luke led the design and construction support for an innovative UHPC jacket repair. The repair represented a novel application of UHPC jacketing for a reinforced concrete cap beam of this scale, approximately four feet by eight feet, constructed over traffic while the supported roadway remained in service. The rehabilitation was designed in accordance with the new 2024 AASHTO UHPC guidance and provided a novel yet practical solution for extending the service life of a critical bridge component under highly constrained operating conditions.			



16. Staff Experience:	
01/25-Present	USDOT, SMART Grant West Virginia Structural Health Monitoring, East Huntington, West Virginia Engineer responsible for data analysis and structural evaluation of an innovative SHM network featuring 60 sensors on the East Huntington/Gunner Gatski Cable-Stayed Bridge. Luke developed and deployed Python scripts using a vendor-provided API to collect and process more than 70,000 unique high-resolution sensor events. The network successfully tracked global and local structural dynamics, detecting behavioral changes critical to the bridge's health, serviceability and resilience. System-specific plots revealed vortex-induced vibrations, a rare and concerning phenomenon, affecting six stay cables. These findings provided critical asset management insights to the owner, highlighting the premature fatigue-driven failure of viscous dampers. Additionally, Luke paired the large dataset with an FEA model to perform model updating, achieving a match within 2 percent for seven of the first eight dominant modal frequencies. The federally funded USDOT Strengthening Mobility and Revolutionizing Transportation (SMART) Grant supported this initiative, which served as a case study in data-informed asset management for transportation agencies nationwide. Luke led data package compilation, coordinating with USDOT and ROSA-P to ensure full compliance with federal requirements, including DCAT-US 3.0 metadata standards and open data accessibility provisions.
09/23-12/23	New Jersey Department of Transportation (NJDOT), Mechlin Corner Road Over Lehigh Valley Line, Pittstown, New Jersey Engineer responsible for expanding a low-cost load rating methodology to reverse engineer the remaining capacity of damaged prestressed concrete box girders without available drawings. Developed an evaluation approach to assess the remaining service life of the structure, which had seven visibly severed prestressing strands, allowing for a confident recommendation of minimal intervention prior to full bridge replacement. Prepared and delivered a webinar to more than 30 NJDOT SEBM team leads and SMEs, presenting the successful assumptions used to evaluate the capacity of severed strands. Materials from this training were incorporated into the Second Edition of the NJDOT Load Rating Manual.
05/22-01/25	NJDOT, Various Regular and Complex Load Ratings, Statewide, New Jersey Engineer responsible for supporting load ratings of most common superstructure types according to AASHTO MBE and NJDOT LRM standards including prestressed concrete, multi-span continuous steel and concrete, curved girder, cantilever truss with suspended truss arch span, masonry arch, pony trusses, prefabricated trusses, and floorbeam-stringer systems. Proficient in ratings software including BrR, Midas, LARS Bridge v10, STADD.Pro, and CSI Bridge. Multiple experiences with complex ratings and improvement of ratings to avoid posting/rerouting of traffic. Additionally, Luke led the authoring of a remediation report investigating inconsistencies in past NJDOT truss/gusset plate load rating practices which included weekly briefings with the state's head load rating engineer.

16. Staff Experience:

Firm employed by: Moffatt & Nichol, Inc.

Name	Chace Hulon, PE	Years of relevant experience with this employer	11
Title	Program Manager	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		#39701 / LA / 09-30-2026	
Year registered	LA 2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		District Level Asset Analysis and Planning, On-Site Field Inspections	
Chace is a program manager at Moffat & Nichol with over twenty years of experience working on large bridge programs throughout the nation, including LaDOTD.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/22-08/24	City of Los Angeles Citywide Bridge Strategic Plan (BSP) Bridge Maintenance, Preservation and Repair Program Development, Los Angeles, California Subject matter expert supporting the development and delivery of a comprehensive Citywide Bridge Strategic Plan for the City of Los Angeles Bureau of Engineering, Bridge Improvement Division. The BSP created a long-term, self-sustaining framework for maintenance, preservation, and repair of the City's 500+ bridges (including 322 National Bridge Inventory structures and 94 culverts). Key contributions included: - Led the development of the City's Bridge Preventive Maintenance Program (BPMP), establishing clear policies and procedures for cyclical and condition-based preservation activities on bridges in good and fair condition, directly aligned with FHWA Bridge Preservation Guide recommendations. - Identified and prioritized maintenance, preservation, and repair needs, including high-risk bridges requiring immediate attention and long-range capital improvement projects. - Defined eligible preservation treatments such as deck joint repair/replacement, bearing cleaning/restoration/replacement, localized deck repairs, spot/zone painting, deck sealing, concrete spall repair, approach slab repairs, bridge deck drainage improvements, superstructure and substructure protective coatings, and channel cleaning/scour countermeasures. - Developed recommendations for bridge inspection protocols, life-cycle cost planning, environmental process guidance, and task-order-style contract mechanisms for efficient delivery of routine and preventive maintenance services. Supported the alignment of prioritized needs with federal, state, and local funding guidelines, including preparation of Caltrans Highway Bridge Program submissions, grant applications, and leveraging of IIJA funding. The team successfully supported the City in securing \$3.5 million in additional fiscal-year budget specifically dedicated to bridge repair and preservation work. The team delivered a strategic, implementation-ready program that will improve program level bridge condition, extend service life, and optimize funding. We established an indefinite-delivery/task-order framework for prioritized bridge maintenance, preservation, and repair projects.		



16. Staff Experience:	
03/18-01/25	LaDOTD Indefinite Delivery/Indefinite Quantity (IDIQ) for Complex Bridge Inspection, Statewide, Louisiana Project manager and chief editor for major revisions of the 2020 bridge maintenance policies and procedures (BIM) to incorporate the 2022 NBIS Final Rule. The new policies and procedures included LaDOTD On-System BIM, LaDOTD Off-System BIM, and LaDOTD Coding & Field Guide. While the above documents have been completed, the LaDOTD Bridge Load Rating Manual development is currently in progress. M&N collaborated with the LaDOTD staff throughout the development to meet expectations and maintain their direction. In-person progress meetings occurred monthly, including facilitating various District Bridge Engineers throughout the state. The BIM policies and procedures were completed and published in December of 2024 to fully implement in January 2025 and be fully compliant for the FHWA audit in 2028. Compliance with the National Bridge Inspection Program (NBIP) and the associated Specifications for the National Bridge Inventory (SNBI) data tape is in alignment with the anticipated timeline published by FHWA. The tables of contents of the Off-System and On-System manuals were purposefully ordered primarily for the bridge inspector. The vital forms and checklists for the Bridge Inspection Program were narrowed down to eight and stored in the appendix section. The Coding and Field Guide is uniquely designed for a seamless user experience allowing efficient navigation through significant amounts of technical data. Performed in-depth bridge inspections on complex movable and long-span bridges. Performed structural, mechanical, and electrical inspections of six movable bridges utilizing detailed, nondestructive, and laboratory testing methods with hand sketches. Installed a wireless SHM (system health monitoring) system on the Greater New Orleans bridge to monitor significant deficiencies in Nonredundant Steel Tension Members (NSTM) members due to poor design details and advised of repair alternatives. Utilized nondestructive examination (NDE) methods (laser and acoustic) to analyze the rotational movement of an unstable pivot pier. Performed the inspections of two cable-stayed bridges with rope access techniques to inspect 208 cables between the two bridges, their Gensui Dampers, and anchorage systems. Performed two inspections of the I-10 Horace Wilkinson Bridge and two inspections of the Greater New Orleans Bridges, which are cantilever truss bridges utilizing rope access techniques and rolling lane closures to minimize traffic impacts. Performed a fracture critical inspection of the Green Bridge, a steel tied arch in New Orleans, utilizing rope access and Unmanned Aircraft Systems (UAS) access techniques. Performed the inspection of the I-10 Bridge over the Calcasieu River in Lake Charles utilizing rope access on NSTM and UAS access techniques on columns. Hands-on management and implementation of the QC review plan are vital to the continued success of this project.
02/22-04/22	City of Somerville Comprehensive Asset Management Program Project manager and subject matter expert leading the development of a formal, enterprise-wide asset management program for the City of Somerville. Directed asset inventory analysis, Level of Service (LOS) definition workshops, and risk-based prioritization and assessment for five major infrastructure asset classes: Bridges, Roadways, Sidewalks, Building Systems, Electric Lights and Lines, and Parks and Playgrounds. A teaming partner managed the other two major asset classes: Collection and Conveyance System and the Water Distribution System. Conducted a comprehensive gap analysis of existing asset registries in accordance with ISO 55000 standards for accuracy, completeness, consistency, uniqueness, validity, and timeliness. Identified critical data gaps and delivered actionable recommendations for data collection, standardization, governance, and integration into enterprise systems (GIS and CMMS) to support condition assessment, life-cycle planning, and capital prioritization. Developed prioritization methodologies and risk assessments to inform maintenance, preservation, rehabilitation, and renewal strategies.

16. Staff Experience:

Firm employed by: Forte & Tablada, Inc.



Name	Joffrey Easley, PE		Years of relevant experience with this employer	19
Title	Group Leader - Transportation - Bridge		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS / 2003 / Civil Engineering, BS / 2000 / Civil Engineering		
Active registration number / state / expiration date		#31542 / LA / 03-31-2027		
Year registered	LA 2004		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		District Level Asset Analysis and Planning		
Joffrey serves as a group transportation leader with Forte & Tablada. He has more than 20 years of experience supporting a wide range of transportation and bridge projects throughout Louisiana.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/22-Present	LaDOTD, Bridge Load Rating Retainer, Statewide, Louisiana Project manager, load rating engineer and team leader for task orders under a load rating retainer contract. Performed load ratings for bridges experiencing condition deterioration in accordance with LaDOTD BDEM.96 - Publication of Load Rating, Posting and Strengthening Standard Operating Procedure.			
01/21 - 05/22	LaDOTD, Livingston Parish Off-System Bridge Repair and Replacement Prioritization, Livingston Parish, Louisiana Project manager, load rating engineer and team leader for prioritization of repair, rehabilitation or replacement of 81 off-system bridges. Performed inspections, load ratings and cost estimates and developed prioritization rankings based on structure type, age, condition, load posting requirements, average daily traffic and detour length.			
02/25-Present	LaDOTD, Linwood Avenue Bridge Rehabilitation, Shreveport, Louisiana Project manager for rehabilitation and strengthening of a 75-year-old steel bridge over multiple Canadian Pacific Kansas City (CPKC) and UPRR railroad tracks. Determined locations requiring rehabilitation, developed conceptual repair plans and coordinated with the City of Shreveport, CPKC and UPRR regarding railroad requirements.			
02/22-Present	LaDOTD, Ascension Parish Load Ratings of Parish-Owned Bridges, Ascension Parish, Louisiana Project manager and certified bridge inspector for a general services agreement providing load ratings for parish-owned bridges on an as-needed basis. Completed approximately 20 task orders to inspect structures, perform condition assessments and develop load rating reports in accordance with LaDOTD requirements for off-system bridges. Also performed inspections, developed rehabilitation recommendations and, when requested, prepared construction plans for bridges with critical findings identified during biannual LaDOTD inspections.			
03/23-12/24	LaDOTD, E. Lewis Street Bridge Upgrades, Lafayette, Louisiana Project manager for a multi-phase project involving inspection, load rating and development of rehabilitation plans for a steel girder and slab span bridge serving the University of Louisiana at Lafayette. Performed load rating using material testing and 3D laser scanning to determine structural properties, followed by 3D finite element model (FEM) analysis that removed a 3-ton posting requirement. Improved long-term performance through rehabilitation that included post-tensioned girder strengthening, concrete spall and crack repairs, urethane-epoxy deck overlay and sidewalk repairs.			

16. Staff Experience:	
08/22-10/23	LaDOTD, Tiger Drive Bridge Rehabilitation, Thibodaux, Louisiana Project manager, inspector and design engineer for rehabilitation of a cast-in-place concrete slab span bridge over Bayou Lafourche following a marine vessel collision. Performed inspection, coordinated a full-scale load test and developed repair details. Designed repairs including pile jacketing of the impacted prestressed concrete pile and epoxy injection of cracks in the bent cap. Restored the bridge to service with no vehicular or marine restrictions.
01/21-09/21	LaDOTD, U.S. 90 Westbank Expressway Rehabilitation, Jefferson Parish, Louisiana Project manager responsible for developing rehabilitation plans for the nearly 6-mile Westbank Expressway bridge. Addressed cracking at bearings of precast prestressed concrete tub girders and inverted-T bent caps. Identified crack sizes using specialized imagery techniques, determined repair procedures and prepared construction plans.
10/15-04/19	LaDOTD, Bridge Preservation Retainer – Atchafalaya Floodway, Statewide, Louisiana Project manager, design engineer and team leader providing engineering services for rehabilitation of multiple bridges along I-10 between Baton Rouge and Lafayette. Performed inspections, documented deficiencies and prepared rehabilitation plans. Completed repairs including heat straightening of girders impacted by over-height vehicles, concrete railing repairs, painting, spall repairs and joint repairs.
08/19-02/20	LaDOTD, In-Depth Bridge Inspection Retainer, Simmesport, Louisiana Project manager and team leader responsible for inspecting and documenting deficiencies of the LA 1 bridge approach spans over the Atchafalaya River, including rolled steel and plate girder spans supported by column bents.
10/18 - 05/19	LaDOTD, U.S. 190 over UPRR and Little Teche Bayou, St. Landry Parish, Louisiana Project engineer who developed a scoping document for replacement or rehabilitation of eastbound and westbound U.S. 190 bridges over the UPRR and Little Teche Bayou near I-49. Prepared a bridge evaluation report outlining feasibility, preliminary cost estimates and recommended construction phasing alternatives.
11/14-08/16	LaDOTD, Westdale Road over Bayou Pierre Repairs, DeSoto Parish, Louisiana Project engineer who performed inspections, laser scanning and plan development, and provided construction administration services for repairs to a timber bridge closed due to deterioration. Completed load rating following construction and restored the bridge to service for vehicular traffic.
01/15-07/16	LaDOTD, Magnolia Pedestrian Bridge Rehabilitation, Orleans Parish, Louisiana Project engineer supporting rehabilitation of the historic Magnolia pedestrian bridge. Assisted in developing rehabilitation details to preserve historic structural features while restoring integrity. Performed quality control review for post-repair load ratings.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Lars Jensen, PE	Years of relevant experience with this employer	5
Title	Engineer III	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2021 / Civil Engineering	
Active registration number / state / expiration date		#50445 / LA / 03-31-2028	
Year registered	LA 2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		On-Site Field Inspections	
Lars is an engineer in HNTB's Baton Rouge office with five years of experience. He has multiple years of experience performing in-depth inspections as an IRATA-certified rope access technician, including inspection report writing. His experience also includes bridge superstructure load ratings. Lars is a SPRAT Level I Technician.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/25-06/25	LaDOTD, I-310 Luling Bridge Over Mississippi River, Luling, Louisiana Team leader and rope access technician for the 2025 NBIS inspection of a cable stayed bridge. In charge of planning staffing, schedule, and District coordination. He utilized rope access and use of heavy equipment to check interior of cable anchorages. Develop inspection report including inputting all inspection data and Specifications for the National Bridge Inventory (SNBI) updates into LaDOTD's asset management system, InspectX.		
06/22-05/26	LaDOTD, LA 10 John James Audubon Mississippi River Bridge, New Roads, Louisiana Team leader and rope access technician for the 2022, 2024, 2026 NBIS inspection of a cable stayed bridge. In charge of planning staffing, schedule, and District coordination. He utilized rope access and use of heavy equipment to check interior of cable anchorages. Develop inspection report including inputting all inspection data and Specifications for the SNBI updates into LaDOTD's asset management system, InspectX.		
06/22-08/26	LaDOTD, GNO #1 and #2 over the Mississippi River, New Orleans, Louisiana Team leader and rope access technician for the 2024 and 2026 NBIS inspection for the in-depth inspection of a steel high truss (cantilevered through truss) bridge. In charge of planning staffing, schedule, and District coordination. He utilized rope access and use of heavy equipment to check interior of cable anchorages. Develop inspection report including inputting all inspection data and Specifications for the National Bridge Inventory (SNBI) updates into LaDOTD's asset management system, InspectX. In 2024, critical findings were found on ten of the vertical truss members that required a special inspection to continue to monitor the members. He helped install strain gages at the Condition State 4 vertical members and assisted in developed the plans for the splice repairs that will be installed on the vertical in late 2026.		
10/25-02/26	LaDOTD, I-10 Calcasieu Bridge Over Lake Charles, Lake Charles, Louisiana Team leader and rope access technician for the 2025 NBIS inspection for the in-depth inspection of a steel high truss (cantilevered through truss) bridge. In charge of planning staffing, schedule and District coordination. He utilized rope access and use of heavy equipment to check interior of cable anchorages. Develop inspection report including inputting all inspection data and Specifications for the SNBI updates into LaDOTD's asset management system, InspectX.		
10/21-Present	LaDOTD, LA 1 Over Louisiana Delta, Leeville, Louisiana Inspector on the 2021, 2022, 2023, 2024 and 2025 for the post-hurricane trust indenture inspection of an elevated slab span, prestressed girder and steel girder bridge. The work included walking over seven mile of bridge deck and boat access to complete.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Mark Elkassouf, PE	Years of relevant experience with this employer	1
Title	Project Manager	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering	
Active registration number / state / expiration date		#46362 / LA / 09-30-2026	
Year registered	LA 2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Development, Planning and Construction Support (Task Lead)	
Mark is a bridge engineer and project manager based in HNTB's Baton Rouge office. He previously worked at the Louisiana Department of Transportation and Development, where he developed strong expertise in bridge engineering, bridge repair and rehabilitation, and LaDOTD policies, processes, and procedures. He has more than five years of experience in bridge design, rehabilitation, repair and project management.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/24-12/25	LaDOTD, I-10 over Louisiana 182 Girder Repair, Lafayette, Louisiana Engineer of record and lead design engineer for girder replacement on two I-10 overpass bridges over Louisiana 182 following damage from an over-height vehicle collision. Designed new girders, including removal plans and structural detailing. Developed plans for slab and joint removal and replacement, along with incidental improvements such as overhead sign replacement, guardrail upgrades and concrete patching. Performed project management duties including cost estimating, scheduling, budgeting and coordination, and supported final project delivery. Construction is anticipated to begin in mid-2026.		
01/23-03/25	LaDOTD, Louisiana 67 (Plank Road/Airline Highway) Girder Repair, Baton Rouge, Louisiana Project manager for girder repair of a damaged steel member on an overpass following an over-height vehicle collision. Completed girder straightening and coordinated blast cleaning and painting of all superstructure steel components. Managed significant lane closures and detours along heavily traveled corridors, coordinating with the design team and LaDOTD district office. Construction was completed in 2025.		
01/25-12/25	LaDOTD, U.S. 190 Atchafalaya River Bridge Repairs, St. Landry Parish, Louisiana Project manager for bridge rehabilitation. Coordinated with bridge maintenance and district staff to identify, scope and prioritize repairs. Led replacement of deteriorated false chord sliding plates critical to structural performance. Managed additional rehabilitation including concrete barrier repairs and replacement or removal of multiple failing joints, including conversion of modular joints to finger joints. Construction is anticipated to begin in mid- to late 2026.		
01/23-12/25	LaDOTD, Louisiana 124 Larto Lake Bridge Replacement, Catahoula Parish, Louisiana Project manager and bridge task manager for replacement of a bridge crossing a flood gate and providing access to a weir control valve platform. Coordinated closely with the design team and district and performed plan reviews. Designed the replacement bridge to span the waterway and avoid pile installation that could disturb the existing concrete apron. Maintained pedestrian access to the control structure throughout design. The project is currently in design.		
01/23-12/25	LaDOTD, I-12 Hog Branch Bridge Replacement, Livingston Parish, Louisiana Project manager and bridge task manager for replacement of two existing girder bridges with a single structure spanning the full corridor width. Supporting widening of travel lanes in both directions, including associated approach and departure roadway improvements and median barrier installations.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Marc Hoffmann, PE	Years of relevant experience with this employer	8
Title	Bridge Project Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	MS / 2018 / Civil Engineering; BS / 2015 / Civil Engineering		
Active registration number / state / expiration date	#44342 / LA / 09-30-2026		
Year registered	LA 2020	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Engineering, Plan Development, Specification and Construction Support		
Marc brings over 10 years of experience in bridge design, inspection, evaluation and rehabilitation. In his tenure, he has gained extensive knowledge of the AASHTO manuals for bridge design, evaluation, and element inspection.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/23-05/24	Texas Department of Transportation (TxDOT), Follow Up Action (FUA) Bridge Repairs, Fort Worth and Surrounding Counties, Texas Project engineer involved with several assignments under a comprehensive engineering services contract with the TxDOT Fort Worth District. Projects included development of 155 FUA repair plans for bridges and culverts exhibiting defects that resulted in lower component condition ratings across multiple area offices, including Stephenville, North and South Tarrant, Keene, Weatherford and Decatur.		
02/21-12/21	LaDOTD, LA 1 Leeville to Golden Meadow Phase 2 Design, Leeville, Louisiana Technical engineer and designer for new two-lane bridge connecting Golden Meadow to Leeville (approximately eight miles of bridge). The project consisted of PPC girder spans, slab spans, and reinforced concrete substructures and consisted of three different phases: 2A, 2B, and 2C. As a technical task lead and designer on the project, he designed the substructures for Phase 2C as well as produced plan sheets. He also provided guidance on the superstructure design of the slab spans for Phase II C. Models were created for the superstructure and substructure of the bridge using Leap Bridge Concrete, and plan sheets were created using MicroStation. Once final plans were submitted, Marc assisted in the letting support phase by answering contractor questions and providing any necessary plan revisions.		
01/22-Present	LaDOTD, LA 1 Leeville to Golden Meadow Phase 2 Construction Support, Leeville, Louisiana Technical engineer and deputy project manager for the construction support services of the two-lane bridge connecting Golden Meadow to Leeville (approximately 8 miles of bridge). As a technical engineer on the project, he has been reviewing structural shop drawings including but not limited to girder shop drawings, precast cap shop drawings, and pile shop drawings. As deputy project manager for the project, Marc has been distributing shop drawings for review to different disciplines. Marc has also been answering RFIs including but not limited to pile misalignment, material substitutions, and construction joint placements. When required, Marc has been putting together any required change orders using MicroStation.		
02/22-05/25	LaDOTD, I-10 Calcasieu (HBI) Early Works Package, Lake Charles, Louisiana Bridge engineer participating in the designs of the superstructure and substructure for the new 70'-0" steel girder temporary bridge over a piperack trench. Due to the new P3 Calcasieu River Bridge Replacement project, the local gas pipeline owner was required to re-locate its gas pipelines to a new location that did not conflict with the new P3 bridge piers. The final gas pipeline configuration was a piperack trench that conflicted with the existing I-10 on/off ramp new Sampson Street. This required a temporary bridge to be constructed to span the piperack trench on the I-10 on/off ramp until the new P3 bridge is built. Project also included a temporary access road underneath the existing I-10 bridge with low vertical clearance. Marc designed a Crash Beam structure to protect the existing bridge while also providing safety to drivers. Marc served as designer on the project as well as overseeing the final bridge plan production for the project. The project utilized ABC techniques by utilizing preconstructed girder and concrete deck segments with ultra high performance concrete closure pours.		



16. Staff Experience:	
09/18-11/19	LaDOTD, LA 532 over I-20 Bridge Design, Minden, Louisiana Technical engineer and designer for the new LA 532 bridge over I-20. The new bridge design utilized PPC beams on reinforced concrete bent caps with reinforced concrete columns. As a technical engineer for the project, he was tasked with designing the major portions of the bridge, including the girders, deck, and substructure. Models were created for the superstructure and substructure of the bridge using Leap Bridge Concrete, and the models were used for the design. Once the design was finalized, MicroStation sheets were created to convey the design and construction intent, and the sheets were submitted to LaDOTD. Once final plans were submitted, Marc assisted in the letting support phase by answering contractor questions.
01/20-10/21	LaDOTD, LA 532 over I-20 Construction Support, Monroe, Louisiana Technical engineer for the construction support services for the new LA 532 bridge over I-20. As a technical engineer on the project, he reviewed structural shop drawings including but not limited to girder shop drawings, bearing pad shop drawings, and joint shop drawings. Marc also answered RFIs including but not limited to pier protection and drilled shaft questions.
02/18-06/18	LaDOTD, LA 15 over Boeuf River Bridge Design, Richland Parish, Louisiana Technical engineer and designer for the new LA 15 bridge over Boeuf River. The new bridge design utilized PPC beams on reinforced concrete bent caps. As a technical engineer for the project, he was tasked with designing the major portions of the bridge, including the deck and concrete bent caps. Models were created for the design of the superstructure and substructure using LEAP Bridge Concrete. Once the design was finalized, MicroStation sheets were created to convey the design and construction intent, and the sheets were submitted to LaDOTD. Once final plans were submitted, Marc assisted in the letting support phase by answering contractor questions.
08/18-08/23	LaDOTD, LA 15 over Boeuf River Construction Support, Richland Parish, Louisiana Technical engineer for the construction support services for the new LA 15 bridge over Boeuf River. As a technical engineer on the project, he reviewed structural shop drawings including but not limited to girder shop drawings, bearing pad shop drawings, and joint shop drawings.
02/24-07/24	LaDOTD, LA 47 Bayou Bienvenue Bridge Replacement Design, St. Bernard Parish, Louisiana Deputy project manager and bridge engineer overseeing the designs of the superstructure and substructure for the new 320-foot slab span bridge near Chalmette. Due to the rapidly deteriorating nature of the bridge, ABC techniques were incorporated into the final plans by utilizing precast concrete bent caps that were the exact same dimensions for both Phase 1 and Phase 2 construction. Due to the proximity of the low chord to corrosive brackish water, stainless steel reinforcing bars as well as discrete galvanic anodes were also incorporated into the final plans. The project required an extremely condensed schedule with final plans required within six months of the start of the project.
12/24-Present	LaDOTD, LA 47 Bayou Bienvenue Bridge Replacement Construction Support, St. Bernard Parish, Louisiana Project manager for the construction support services for the new 320'-0" slab span bridge near Chalmette. As project manager and bridge design engineer overseeing junior bridge engineers, he has been distributing and overseeing structural shop drawings including but not limited to precast concrete bent caps, piles, and metal bridge railing shop drawings. Marc has also been distributing and overseeing RFI reviews as needed.
10/20-03/22	LaDOTD, LA 3250: I-49/UPRR Overpass Repair, Alexandria, Louisiana Technical engineer for the project, which partially replaced a 95-foot concrete prestressed girder span hit by an over-height vehicle. To ensure minimal impact on traffic, the new portion of the span was constructed off-site and moved into place using a SPMT. He was tasked with designing the new girders to replace the damaged girders and ensuring the newly constructed portion of the span would fit into place once it was moved with SPMT. He used computer-aided software (LEAP Bridge Concrete) to calculate superstructure girder capacities and loads. Marc also used Bentley MicroStation to produce drawings for the plan set, and Marc also performed quality control on the MicroStation sheets.
06/16-02/17	LaDOTD, Inspection and Load Rating of Three Complex Truss Bridges, Statewide, Louisiana Inspector and technical engineer tasked with the inspection of the gusset plates for each of the three truss bridges. Performed load rating analysis. Coordinated with local state traffic control divisions, taking measurements and recording observations during the inspection, and performing post-analysis and generating inspection reports for each bridge.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	John Bernard, PE	Years of relevant experience with this employer	28
Title	Technical Advisor	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 1998 / Civil Engineering	
Active registration number / state / expiration date		#31026 / LA / 03-31-2028	
Year registered	LA 2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Engineering, Plan Development, Specification and Construction Support	
John is a technical advisor and structural engineer with 28 years of experience supporting bridge project development, preservation, rehabilitation, and construction throughout Louisiana. His experience includes bridge design, widening, repair, rating, inspection, construction support, and plan development for a wide range of structures, including steel trusses, movable bridges, curved and straight plate girders, prestressed girders, timber structures, culverts, median retaining walls, floodwalls, and floodgates. His structural expertise also includes pile-supported and soil-founded T-wall floodwalls, closure structures, large highway floodgates, and sector gates.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/21-Present	LaDOTD, I-110 Corridor Improvements: North Street to Plank Road, East Baton Rouge Parish, Louisiana Lead design engineer who designed and developed plans for soil-founded, grade-separated (up to eight feet) cantilever retaining walls with traffic barriers and steel girder repairs due to vehicle impact damage using heat straightening and cover plates.		
05/13-Present	LaDOTD, I-20 Overpass Rehabilitation (Westerfield to Industrial), Bossier City, Louisiana Lead design engineer responsible for inspection and repair plans for five twin steel-span and two concrete span bridges. The project included significant scope changes, including replacement of rocker bearings, steel plate expansion joints, end bent backwalls using precast sections, approach slabs (precast and cast-in-place), bridge barriers and roadway median barriers, bridge barrier retrofits, deck overlay, steel repainting and concrete repair.		
06/17-05/18	MDOT, I-10 East Pascagoula River Bridge Bent Repairs (EB Bents 291R and 304R), Jackson County, Mississippi Lead design engineer responsible for designing and developing repair plans to vertically realign the existing bridge superstructure (due to potential bent settlement) using temporary span jacking and replacement of bearing pads with pads of increasing thickness. Repairs included modifications to continuity diaphragms to reestablish fixity and structural concrete patching. Plans also included installation of settlement gauges to monitor bent movement.		
02/21-12/21	LaDOT, I-20 Overpass Rehabilitation, Bossier City, Louisiana Lead design engineer responsible for inspection and repair plans for five twin steel-span and two concrete span bridges. The project included significant scope changes, including replacement of rocker bearings, steel plate expansion joints, end bent backwalls using precast sections, approach slabs (precast and cast-in-place), bridge barriers and roadway median barriers, bridge barrier retrofits, deck overlay, steel repainting and concrete repair.		
02/19-07/19	LaDOT, I-10 Loyola Boulevard Bridges Slab Span Repairs, Jefferson Parish, Louisiana Lead design engineer responsible for final repair plans for epoxy injection of long, deep slab span cracks, concrete patching, repairs to existing post and rail barriers and joint seals.		
11-18-12/18	LaDOT, U.S. 90 LDRR and LA 329 Overpass Rehabilitation, Iberia Parish, Louisiana Lead design engineer responsible for developing repair plans using ABC with precast end bent backwall replacements under phased construction. Additional repairs included approach slabs, concrete patching, anchor bolts, joint seals and bearing pads.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Joe Krajewski, PE, SE		Years of relevant experience with this employer	14
Title	Senior Technical Advisor - Structural		Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization		MS / 2021 / Construction Management, MS / 2006 / Civil Engineering, MBA / 1994 / Management, BS / 1984 / Civil Engineering		
Active registration number / state / expiration date		PE: #16119 / HI / 04-30-2026, #80375 / OR / 06-30-2027, #9539752-2202 / UT / 03-31-2027, #71896 / VT / 07-31-2026, #45399 / WA / 05-15-2027; SE: #42782 / MA / 06-30-2026,		
Year registered	PE: HI 2014, OR 2008, UT 2015, VT 2010, WA 2009; SE: MA 2000	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Engineering, Plan Development, Specification and Construction Support		
Joe is a senior technical advisor for structures with over 40 years of experience in all forms of structural engineering and more than 23 years of project management experience in transportation. He possesses extensive expertise in the design, fabrication, inspection, evaluation, and testing of steel, concrete, and timber structures. His background includes complex structural design and construction, bridge inspection and rehabilitation, and technical negotiation with both public and private stakeholders.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/25-Present	LaDOTD, IDIQ Contract for Bridge Preservation, Statewide, Louisiana Lead timber bridge designer for two timber bridge spot replacements at Grover Jones Road over Williams Creek in Bienville Parish and Sidney Leblanc Road over Coulee in Iberia Parish.			
2/22-11/22	BNSF Railroad, Bridge No. 0640-0.5, Klamath Falls, Oregon Lead bridge inspector, engineer of record, and lead bridge engineer for analysis, design and construction recommendations. Performed emergency inspections and evaluations following two separate timber bent and span collapses in February and October 2022. Led inspection, evaluation and design efforts for replacement of damaged bents and spans and supported BNSF in design, construction and inspection of all affected bridge components.			
09/14-06/15	Texas General Land Office (GLO), Rollover Fishing Pier and Dune Crossing Trestle, Gilchrist, Texas Lead timber design engineer for a fishing pier and dune crossing trestle for the Texas General Land Office. Designed a 1,000-foot-long fishing pier extending into the Gulf of America with prefabricated timber deck panels, railings and stair systems. Designed a 192-foot-long timber trestle composed of piles, cross beams, stringers, decking, railings and stairs.			
01/21-Present	Texas GLO, Rollover Pass Recreation - Bayside, Gilchrist, Texas Engineer of record and lead timber design engineer for an elevated bird observation deck and access ramp for the Texas General Land Office. Designed a 10-sided elevated timber structure with a wraparound access ramp as a focal point for the recreation area.			
01/22-Present	Washington State Department of Transportation (WSDOT), Hood River/White Salmon Interstate Bridge, Hood River, Oregon and White Salmon, Washington Owner's lead structures representative and independent design checker for the Hood River/White Salmon Interstate Bridge progressive design-build (PDB) project over the Columbia River. Reviewed design of a multi-span bridge consisting of four continuous steel girders spanning approximately 4,450 feet across 11 spans. Verified design criteria, structural performance and vertical clearance requirements, including a minimum clearance of 135 feet.			
05/15-06/17	Utah Department of Transportation(UDOT), Dirty Devil and Veyo Steel Arch Bridge Inspection, Evaluation and Repair, Hite and Veyo, Utah Lead bridge inspector and design engineer for the inspection, evaluation and repair of two steel deck arch structures for the Utah Department of Transportation. Led bridge inspections and performed load rating, condition evaluation and fatigue analysis. Developed repair concepts and design criteria, prepared construction staging and traffic control plans, compiled specifications and contract documents, and provided construction engineering support.			



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Ryan Felder, PE	Years of relevant experience with this employer	3
Title	Project Engineer	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		BS / 2011 / Civil Engineering	
Active registration number / state / expiration date		#40154 / LA / 03-31-2028	
Year registered	LA 2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Engineering, Plan Development, Specification and Construction Support	
Ryan serves as a project engineer in HNTB's Baton Rouge office. Before joining HNTB, he worked for over a decade at the LaDOTD, serving in various roles. He is proficient in several programs, including MicroStation, InRoads and ProjectWise.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/24-Present	LaDOTD, IIJA Off-System Bridge Program, District 61, East Baton Rouge Parish, Louisiana Designer and reviewer for five off-system bridge spot replacements as part of a \$38.5 million program replacing 13 bridges across 10 projects in East Baton Rouge Parish. Developed plan sheets and performed quality reviews of plan sets. Coordinated with multidisciplinary teams, including bridge, roadway, geotechnical, survey, traffic, and hydraulics.		
07/25-Present	LaDOTD, U.S. 80 Bridges Near Minden, District 04, Webster and Bossier Parish, Louisiana Project engineer responsible for developing plan sheets, preparing traffic control plans for construction, and performing quality reviews of plan sets. Supported five bridge replacements at three project sites, including two on a major highway and one within the City of Minden.		
04/24-08/25	LaDOT, Urban Systems Program, Morrison Road I & II, New Orleans, Louisiana Road designer supporting roadway and bridge design, proposal preparation and construction administration with resident inspection for the LaDOTD. Designed improvements as part of a corridor project that replaced two bridges, developed repair plans for three bridges and included approach slab replacements for five bridges in New Orleans East between Mayo Avenue and Bullard Avenue. Coordinated with project partners and ensured compliance with LaDOTD and New Orleans Regional Planning Commission requirements.		
09/22-02/25	Baton Rouge Parish, Plank-Nicholson BRT, Baton Rouge, Louisiana Project engineer who supported development and implementation planning for a bus rapid transit (BRT) system replacing the TramLinkBR streetcar to improve regional connectivity. Coordinated with the City-Parish, Capital Area Transit System (CATS) and East Baton Rouge Redevelopment Authority to define project scope and implementation strategy. Conducted traffic and environmental analyses, supported BRT station and transfer facility design and assisted with ridership modeling using the STOPS model. Contributed to public engagement efforts, GIS mapping and preparation of a conceptual cost estimate that helped secure a \$15 million BUILD Grant. Coordinated with local agencies, including LaDOTD, Louisiana State University, and Our Lady of the Lake, and supported right-of-way, environmental and design oversight activities during project development.		
10/22-07/25	Baton Rouge Parish, Florida Boulevard Corridor Enhancements Segment 2 Programmatic CE, Baton Rouge, Louisiana Project engineer who supported the feasibility-level design and safety studies determined that the project would include significant upgrades to bicycle, pedestrian, and signalization features, as well as green infrastructure, to address stormwater issues.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Jared Sommers, PE	Years of relevant experience with this employer	13
Title	Senior Geotechnical Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering, BS / 2007 / Mathematics	
Active registration number / state / expiration date		#40978 / LA / 03-31-2027	
Year registered	LA 2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Engineering, Plan Development, Specification and Construction Support (Geotechnical Engineering)	
Jared is a geotechnical project engineer experienced in developing work scopes, managing subsurface investigations, design, plans, and preparing specifications for geotechnical aspects of transportation, bridge, railway, aviation, architectural, environmental and water infrastructure projects for private sector, municipal, state and federal clients. He has engineering experience in Louisiana, Mississippi, Texas, Arkansas, Missouri and Iowa. His expertise includes levees, embankments, floodwalls, settlement, slope stability, seepage and deep foundations.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/24-Present	LaDOTD, I-10 Calcasieu River Bridge Replacement, Calcasieu Parish, Louisiana Geotechnical SME for the I-10 Calcasieu River Bridge Replacement project. Geotechnical engineer led a team of engineers to review reports, plans, and specifications relating to the bridge replacement project through all phases of the project.		
03/24-Present	LaDOTD, Off-System Bridge Program, East Baton Rouge, Louisiana Geotechnical engineer responsible for the design of 13 off system bridges across East Baton Rouge Parish. Responsibilities consisted of pile tip determination, required nominal pile resistance, slope stability, settlement and bearing capacity as well as sheet pile wall design.		
09/20-03/21	LaDOTD, LA 1 over Caddo Lake Bridge Replacement, Caddo Parish, Louisiana Geotechnical engineer for an off-alignment bridge replacement. Geotechnical tasks included foundation design using precast, prestressed concrete piles, drivability, approach embankment settlement calculations, and slope stability.		
07/18-06/20	U.S. Army Corps of Engineers (USACE) New Orleans, Comite River Diversion U.S. 61 and KCS Railway Bridges and Shoofly Design, East Baton Rouge Parish, Louisiana Geotechnical engineer responsible for the Comite River Diversion drilling program, stability design and bridge foundations for the new KCS Railway and U.S. 61 bridges over the Comite river diversion project. Foundations included PPC piles, steel pipe piles and drilled shafts up to 12 feet in diameter.		
02/19-12/19	MDOT, U.S. 80 Bridge Replacement over the Kansas City Southern Railroad, Rankin County, Mississippi Geotechnical engineer tasked with quality control of the deep foundation shaft analyses and recommendations including bi-directional load test plans, temporary shoring design, settlement analysis and slope stability analysis. The project consisted of the replacement of a two-lane northwest bound bridge and a two lane southeast bound bridge northwest of I-20. The proposed bridges were designed to be founded on drilled shafts in unique soil conditions.		
07/18-04/19	LaDOTD, U.S. 90 over LA-14 Bridge Reconstruction, Iberia Parish, Louisiana Geotechnical engineer on the replacement of U.S. 90 over LA-14 that included drilled shaft construction and MSE walls.		
01/18-10/18	MDOT, I-20 Eastbound Bridge At I-55 South, Hinds County, Mississippi Geotechnical engineer responsible for review of original design and geotechnical investigation, additional drilling program as well as the design the of the bridge foundation, temporary and permanent shoring, embankment settlement analysis, slope stability including H-Pile stabilization.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Mira Para, PE	Years of relevant experience with this employer	7
Title	Senior Project Manager	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		BS / 1992 / Civil Engineering	
Active registration number / state / expiration date		#34990 / LA / 03-31-2027, #148242 / TX / 07-31-2027, #2002024483 / MO / 12-31-2026, #14417 / KS / 04-30-2027	
Year registered	LA 2009, TX 2023, MO 2002, KS 1997	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Engineering, Plan Development, Specification and Construction Support (Hydraulic Analysis & Design)	
Mira is a project manager with over 33 years of experience in water, wastewater and storm drainage analysis and design, project management, and construction administration. He is a member of American Public Works Association (APWA), Water Environment Federation, Louisiana Water Environment Association (LWEA), and Society of American Military Engineers. He has served as President of the APWA Baton Rouge Branch Executive Board, President of the APWA Louisiana Chapter Executive Board, Secretary of the LWEA Collections Systems Committee and as a member of the national APWA Water Resources Management Committee. His positive reputation for creating high-quality designs complements his continued track record of project completion on schedule and within budget.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/23-Present	LaDOTD, Off-System Bridge Program (Task 2), East Baton Rouge Parish, Louisiana Senior engineer responsible for bridge hydrology and hydraulics and bridge scour analysis, preparation of bridge hydraulic report, and hydraulic design for final plans for the replacement of 13 bridges in East Baton Rouge Parish.		
09/19-Present	LaDOTD, I-10/Loyola Interchange Improvements - Design-Build Support (Task Order 4), New Orleans, Louisiana Engineer responsible for independent technical review of drainage design for this alternative delivery project. The design-build project provides a new interchange to allow direct access from I-10 to the Louis Armstrong New Orleans International Airport terminal near Loyola Boulevard. A design-build team was selected in mid-2019, and construction began in early 2020.		
11/23-03/25	West Virgina Division of Highways (WVDOT), Morgantown Industrial Park Access Road, Morgantown, West Virginia Task lead responsible for storm drainage system and detention basin design for roadway plans. Also responsible for bridge hydrology and hydraulics, design of bridge scour countermeasures and preparation of a FEMA Conditional Letter of Map Revision (CLOMR) for a major bridge over the Monongahela River.		
05/23-07/24	TxDOT, I-10 White Oak Bayou Improvements - Alternative Delivery GEC Services (WA4), Houston, Texas Task lead responsible utility relocation design and utility deconfliction for final design plans and specifications for Inner Katy Corridor I-10 White Oak Bayou from Studemont Street to Houston Avenue. Design included relocation of a 16” water main and installation in steel casing pipe installed by jack-and-bore under the westbound ramp to I-10 at Taylor Street.		
01/22-12/22	Coastal Protection and Restoration Agency (CPRA), 2022 General Engineering Services IDIQ, Terrebonne and St. John the Baptist Parishes, Louisiana Senior engineer responsible for independent technical review (ITR) of civil engineering and drainage designs for a freshwater diversion project to restore the viability of the Maurepas Swamp wetlands. The project will reestablish a hydrologic regime to support approximately 44,683 acres of swamp habitat. Work is being delivered in four design packages.		
02/20-10/22	Plaquemines Parish, Reach C Culvert Repair, Plaquemines Parish, Louisiana Senior project manager/engineer who prepared the final plans and specifications for advertisement. Provided engineering and administrative services during advertisement. Performed periodic inspection of the work progress during construction, reviewed submittals, responded to requests for information, prepared change orders, reviewed and made recommendations for payment to the owner.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Bobby Flinn, PE	Years of relevant experience with this employer	7
Title	Bridge Design Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering	
Active registration number / state / expiration date		#149553 / TX / 06-30-2026	
Year registered	TX 2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Engineering, Plan Development, Specification and Construction Support	
Bobby is a bridge design engineer with HNTB. His experience includes bridge design and inspection, retaining wall design and sound barrier design. He has worked with a variety of state agencies across multiple states, including LaDOTD.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/24-10/25	TxDOT, Follow Up Action (FUA) Bridge Repairs, Fort Worth and Surrounding Counties, Texas Project engineer involved with several assignments and services performed under the comprehensive engineering services contract with TxDOT Fort Worth district. Various projects include: Task lead for 155 FUA repair plans for bridges and culverts exhibiting defects resulting in lower component condition ratings located throughout several area offices including: Stephenville, North and South Tarrant, Keene, Weatherford and Decatur. Additionally, he has co-located in the TxDOT Fort Worth CMO office and served as deputy project manager, performing tasks including various schematic and PS&E reviews, scheduling, pavement preservation efforts, MTP 20-year plans, and other various assignments.		
03/26-03/26	LaDOTD, Luling Bridge, New Orleans and U.S. 190, Baton Rouge, Louisiana Rope access inspector who assisted in the fracture critical inspections for Mississippi River crossing bridges, including a cable-stayed and through truss bridge. Elements inspected included cable anchorage assemblies, bearings, tower support structures, top chord, and lateral bracing.		
04/23-05/23	CPKC, Railroad Box Girder inspections at Spiro, Oklahoma; Shreveport; Louisiana and Dangerfield, Texas Inspector assisting in the in-depth inspections of orthotropic box girder bridges utilizing several access methods, including: snooper truck, ladders, confined space entry and a towable boom lift.		
07/22-05/22	LaDOTD, I-10, Baton Rouge and GNO (1 and 2), New Orleans, Louisiana Rope access inspector who assisted in the fracture critical inspection of complex Mississippi river crossing through-truss bridges utilizing safe access methods to inspect lower deck truss, top and bottom chord elements, lateral bracing members, stringers, and floorbeams.		
03/21-08/21	MDOT, I-20 Flyover Bridge, Jackson, Mississippi Structural engineer performing analysis of field conditions for flowable fill mass removal at the existing pier for the WB bridges. Used RCPier software to cross-check the HNTB pier program to determine whether concrete flowable fill mass could remain during the construction of the removal and regrading of riprap from the abutment cap. Computed axial loads and lateral loads acting at the bottom of the square footing are provided to geotechnical engineers.		
07/19-07/20	TxDOT, SH 170, Fort Worth, Texas Design engineer who performed analysis and design on 11 bridges on SH 170 east of IH 35W to Trophy Lake Dr on SH 114. Robert was responsible for designing the superstructure, specifically the prestressed concrete girders, using PGSuper, for six bridge locations, including Independence Pkwy, Powell Creek Pedestrian Bridges, and Beach Street. He also designed the substructure, using RCPier software to model bent caps, columns, and drilled shafts for six bridges, including Independence Parkway, Beach Street, and Westport Parkway. He also designed the drilled shaft lengths for the U.S. 377 U-turn bridges using geometry calculations and analyzed the geotechnical boring data using TxDOT's Wincore program.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Lynn Maloney-Mujica, AICP	Years of relevant experience with this employer	8
Title	Senior Project Manager - Planning	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		MS / 2008 / Environmental Science; MS / 1998 / Urban Planning, BS / 1976 / Liberal Arts	
Active registration number / state / expiration date		American Institute of Certified Planners (AICP) / #20555 / National	
Year registered	LA 2006	Discipline	N/A
Contract role(s) / brief description of responsibilities		Planning, Stakeholder Outreach	
Lynn is a certified planner whose most recent experience has focused on infrastructure projects. She began her career as a bilingual consultant in Puerto Rico and then later returned to her native Louisiana in 1998 to work as an economic/environmental planner for the Baton Rouge Planning Commission. Her master's thesis, "Comprehensive Planning in Louisiana," won the Martinez Award for outstanding thesis research in the Department of Environmental Sciences at LSU. As a consultant in the private sector for the last 20 years, she has worked for a wide range of city, parish, state, and federal agencies. Her expertise in NEPA analyses and documentation is broadly interdisciplinary and includes public outreach and stakeholder engagement as well as permitting required for these projects.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/24-Present	LaDOTD, East Baton Rouge Parish Off-System Bridges, Baton Rouge, Louisiana Environmental lead for NEPA reviews and approvals included Tricolored Bat Bridge assessments and oversight of Section 106 and Section 404 permits for 13 bridge spot replacements in East Baton Rouge Parish.		
09/23-Present	LaDOTD, East Baton Rouge Parish Bike-Ped Plan 2024 Update, Baton Rouge, Louisiana Project manager providing assistance with active transportation network, program and policy updates, and project identification and prioritization.		
08/22-Present	LaDOTD, Louisiana Statewide Transportation Plan, Statewide, Louisiana Senior technical reviewer who provided project management support and technical reviews for the long-range plan and for previous plans/policies, carbon reduction, railroad, and public outreach tasks.		
06/18-Present	LaDOTD, I-10 Calcasieu River Bridge Improvements EIS, Lake Charles, Louisiana Senior project manager responsible for EIS documentation, alternatives scoping and screening, technical team oversight, preparation and/or review of technical documents, public involvement, interagency coordination, and all other tasks related to completing the NEPA review. After the ROD was issued in January 2024, she has been engaged in a NEPA RE report that included bridge/culvert assessments for bats that are proposed for listing as Threatened by USFWS. She is currently providing oversight of the P3 developers related to NEPA, along with USCG, USACE, SHPO, and other agency permits and approvals.		
10/19-02/20	LaDOTD, LA 1, Phase 2, Leeville to Golden Meadow, Louisiana Member of team that prepared an INFRA Grant application for funding to complete the elevation of eight miles of roadway to protect America's premier oil production and distribution center against severe weather event disruptions. About 20 percent of the U.S. domestic energy production relies on this corridor. This application received \$135 million - the largest such award to date, and about 15 percent of 2020's INFRA Grant funds. Responsible for team coordination, editorial review, and obtaining 50 customized letters of support from local, regional, and national stakeholders.		
09/19-11/19	LaDOTD, College Drive Flyover Ramp, Baton Rouge, Louisiana Responsible for coordinating the open house public meeting to provide information and collect comments on a flyover ramp designed to improve traffic flow within the I-10/I-12 westbound interchange. Responsible for developing exhibits, looping presentation, and other meeting materials, addressing comments, and producing the meeting transcript.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Raegan Ball	Years of relevant experience with this employer	1
Title	Senior Project Manager - Planning	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 2004 / Applied Biological Science	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Planning	
Raegan is a seasoned environmental and transportation professional with over 19 years of experience in NEPA project management, environmental compliance, and interagency coordination. She specializes in the review and preparation of environmental documentation, including evaluations of historical significance under Section 106 of the National Historic Preservation Act. Ms. Ball has completed formal training in Section 106 and has extensive experience reviewing wetland delineations and threatened and endangered species surveys. Her career spans leadership roles in multiple FHWA Divisions, where she has directed environmental reviews for high-profile infrastructure projects and developed programmatic agreements to streamline compliance.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/25-Present	LaDOTD, Weigh Station Master Plan, Statewide, Louisiana Drafted the implementation plan chapter of the overall master plan. Identified potential funding opportunities for advancing the modernization of Louisiana's Weigh Station network across the state, and reviewed and recommended edits for updating LaDOTD's Program Plan-Top Level Design for their Innovative Technology Deployment program. The fund will help identify technology upgrades for Louisiana's Weigh Station network.		
07/25-Present	Tennessee Department of Transportation (TDOT), Planning and Environmental Linkages Guidance for Program Management Consultant, Statewide, Tennessee Drafted guidance documents for the overall PEL process and corresponding quality control checklists to have the team complete documents according to state and federal standards.		
11/22-04/25	LaDOTD, I-10 Calcasieu River Bridge Project, Lake Charles, Louisiana Environmental lead and FHWA representative, she has directed environmental coordination for one of Louisiana's most complex NEPA efforts. She led interagency collaboration through the FEIS and ROD, resolving longstanding issues and achieving critical federal milestones. The project includes widening and the replacement or rehabilitation of the National Register of Historic Places eligible Calcasieu River Bridge.		
11/22-04/25	FHWA Louisiana, Louisiana Division - Deputy Division Administrator, Statewide, Louisiana Second-in-command for the FHWA Louisiana Division, overseeing federal compliance for state and local transportation projects. She provides strategic direction on NEPA, permitting, and environmental decision-making, and represents FHWA in negotiations with LaDOTD and resource agencies. Her role includes guiding environmental reviews, resolving interagency coordination issues, and ensuring timely delivery of major infrastructure projects such as the I-10 Calcasieu River Bridge.		
12/12-11/22	FHWA Missouri Division - Program Development Team Leader, Statewide, Missouri Environmental program lead for FHWA Missouri Division, managing NEPA compliance for both state and local public agency (LPA) projects. She developed programmatic agreements with MoDOT and SHPO to streamline Section 106 reviews and reduce delays. Her work included mentoring staff, overseeing environmental documentation, and integrating environmental risks into Missouri's risk-based oversight framework.		
03/10-12/12	Nebraska Department of Transportation (NDOT), Nebraska Division - Environmental Protection Specialist, Statewide, Nebraska NEPA and environmental compliance lead for FHWA Nebraska Division, supporting NDOT and LPAs. She led the development of programmatic agreements and tools to improve consistency in environmental reviews.		



16. Staff Experience:

Firm employed by: ELOS Environmental, LLC



Name	Basile Dardar		Years of relevant experience with this employer	8
Title	Environmental Specialist / Project Manager		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS / 2014 / Biology		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental Permitting		
Basile is an environmental scientist with a diverse range of experience, including inspections, permitting, environmental surveying, report development, research, sampling, testing, and coordination with agencies and clients. Basile provides environmental expertise, accurate reporting, and a high degree of professionalism to every project. Basile has led wetland delineations and environmental assessments for multiple clients across the state, including local development projects, mitigation banks, and infrastructure developments. We have included his Traffic Control Technician and Wetland Delineation certificates in this response.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/23 - Present	LaDOTD, East Baton Rouge IIJA Off-System Bridges, East Baton Rouge Parish, Louisiana Wetland delineation, jurisdictional determinations and permitting for 13 bridges at separate sites throughout East Baton Rouge. The project involves replacing the existing bridges with slab-span bridges and covers approximately 13 acres. Coordinated with the field team to conduct wetland delineations, complete the wetland findings report, work with the USACE for jurisdictional determinations of wetlands, and assist with USACE permit applications and supporting documentation. This process also included conducting surveys of T&E species. Completed surveys for the tricolored bat, alligator snapping turtle and the monarch butterfly.			
09/22 - Present	LaDOTD, IIJA Off-System Bridges District 62, Statewide, Louisiana Environmental services to replace six bridges in Livingston, St Helena, St. John the Baptist, St. Tammany, Tangipahoa, and Washington Parish in several phases until completion. Coordinated with field teams to assess cultural and environmental impacts. Through ongoing efforts, he has maintained the required data and documentation, as well as reviewed deliverables and reports applicable to SOVs, wetland delineations, and a CATEX of construction activities. He has assisted in preparing the necessary permits, maps, forms and supplemental documentation.			
04/22 - 02/25	LaDOTD, Tangi Off-System Bridge Prioritization, Tangipahoa Parish, Louisiana Environmental services on five Infrastructure Investment and Jobs Act (IIJA) off-system bridges. We prepared an early Section 106 Tribal coordination packet and submitted it to the LaDOTD. We also performed a wetland delineation, SOVs, CATEX documents, and permit applications and drawings for six bridges to be replaced in District 62. Conducted wetland delineations, prepared and submitted permit applications, and led the team in completing the SOVs and CATEX documentation.			
08/22 - 08/24	LaDOTD, Rousseau Bridge Replacement, St. Tammany Parish, Louisiana Environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included wetland delineation, a Scenic Rivers permit application, an emergency authorization application to the USACE, SOVs, and a final report. Conducted a wetland delineation, submitted reports to USACE, coordinated with the field team on SOVs and required information, and reviewed permit drawings.			

16. Staff Experience:	
09/20 - Present	LaDOTD, Rural Bridges Phases I & II, Statewide, Louisiana Environmental consulting services for the LaDOTD Rural Bridge Replacement Initiative for two project phases. Phase I involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase 2 is ongoing and involves bridge replacements under nine state project numbers and supplemental task orders, affecting multiple structures in Districts 05, 08, and 58. Almost all projects have included a wetland delineation, permit applications, a cultural resource survey, and a survey of T&E species. Project manager and is conducting bat surveys to ensure that the habitats of endangered bats are not destroyed.
11/17 -Present	Move Ascension - Phases II & III, Ascension Parish, Louisiana Environmental services to support the feasibility, engineering, and design of more than 60 roadway improvement projects for Move Ascension. The projects have ranged from installing roundabouts at intersections of local roads with state highways to widening roads, adding turn lanes, adding J-turns, and providing new connector roads. ELOS' services have included assessing feasibility options, conducting wetland delineations, completing cultural resource evaluations, completing CATEX, and submitting permit applications to state and federal agencies, depending on the scope of the specific project. Basile has worked on the wetland findings report for the USACE jurisdictional determination of wetlands, reviewed delineation photographs and maps, and reviewed corresponding figures and data for the permit applications.
02/23 - Present	LaDOTD, Minnesota Park / Range Road Roundabout, Tangipahoa Parish, Louisiana Wetland delineation to obtain a jurisdictional determination from the USACE and, if necessary, submit a permit application for a roundabout at the intersection of Minnesota Park and Range Road covering 2.5 acres in Tangipahoa Parish, Louisiana (H.014340). ELOS is collecting data and preparing the wetland delineation report, which involves detailed field assessments to identify and map wetland boundaries and associated habitats in accordance with federal guidelines. The report assists with clarifying whether proposed activities impact waters of the United States and require permits. Worked on the SOVs, reviewed the CATEX sections and documentation, written permit applications, and coordinated with LaDOTD. Currently preparing a stormwater permit and SWPPP to ensure regulatory compliance and proper stormwater runoff management for the project site.
06/24 - Present	LaDOTD, U.S. 190 Roundabouts, St. Tammany Parish, Louisiana Wetland delineation, prepare and submit a JPA, complete Section 106 reviews, and conduct T&E species surveys for a 28-acre area for the installation of roundabouts on U.S. 190. Basile has assisted with writing and reviewing the T&E species report.
02/22 - 05/24	LaDOTD, Stage 0 Project, LA 67, Ascension Parish, Louisiana Environmental support on project. ELOS was contracted in 2022 to complete a Stage 0 checklist and environmental inventory for 3089 Ser Road/LA 70, in accordance with the LaDOTD Manual of Standard Practice and the requirements of the NEPA. The study identified and evaluated preliminary alternatives at the intersection of LA 70 and LA 3089 to improve operations and safety for vehicular, rail, and other modes of transportation in Donaldsonville, Louisiana. Served as the senior project manager, coordinated with the clients, and reviewed the stage 0 Checklist for multiple locations.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Joe Stilson, PE	Years of relevant experience with this employer	1
Title	Project Manager and Resident Engineer	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering	
Active registration number / state / expiration date		#39762 / LA / 09-30-2027	
Year registered	LA 2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Cost Estimating	
Joe is a project manager with more than 17 years of experience supporting bridge construction, rehabilitation, and repair projects in HNTB's Baton Rouge office.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/25-Present	City of Baton Rouge, MOVEBR Infrastructure Program, Baton Rouge, Louisiana Resident engineer serving as the on-site representative for a \$1.2 billion parishwide infrastructure program composed of multiple capacity and enhancement projects. HNTB is responsible for delivering \$800 million in capacity improvement projects across 40 roadway corridors throughout East Baton Rouge Parish. Responsibilities include overseeing field operations, coordinating with contractors and stakeholders, ensuring compliance with project specifications and supporting successful execution of major transportation improvements.		
05/25-Present	LaDOTD, Leeville to Golden Meadow (Phase 2) Route LA 1 Relocated Construction Support, Golden Meadow, Louisiana Project manager with direct responsibility for project budget oversight, execution planning and subcontractor coordination. Managed PDA pile monitoring and dynamic testing field personnel to ensure compliance with technical specifications and schedule requirements. Oversaw the review and resolution of RFIs and construction submittals, facilitating timely and accurate communication between design and construction teams to support efficient project delivery for an new eight-mile elevate span.		
04/25-09/25	LaDOTD, I/JA Off-System Bridge Program, East Baton Rouge Parish, Louisiana Project engineer who supported the off-system bridge replacement program including the planning, development and design of projects to replace fair and poor conditional parish-owned bridges.		
01/25-08/25	LaDOTD, I-10 Lake Charles Calcasieu River Bridge Owners Verification (H.003931), Lake Charles, Louisiana Task lead with responsibility for reviewing Right-of-Way, Utility Relocation, and Bridge Aesthetics submittals to ensure full compliance with project Technical Provisions and LaDOTD Standard Specifications. Facilitated coordination between design and construction teams to uphold regulatory standards and project requirements, supporting timely approvals and quality assurance throughout the project lifecycle.		
01/25-05/25	LaDOTD, I-10 Calcasieu River Bridge Int Repairs (HBI) (H.012083), Lake Charles, Louisiana Project engineer supporting the project team in the development of a comprehensive construction schedule and Contract Special Provisions for a schedule-critical initiative involving multiple stakeholders. Contributed to strategic planning efforts to align project milestones with stakeholder requirements, ensuring clarity, feasibility, and compliance with contractual obligations. Played a key role in facilitating coordination across disciplines to support timely project delivery and risk mitigation.		
02/21-02/22	West Virginia Division of Highways, Corridor H Steel Bridge Erection, Kerens, West Virginia Subcontractor to Kokosing Construction Company under a Public-Private Partnership (P3) agreement with the West Virginia Division of Highways, he supported the delivery of a 7.53-mile roadway segment connecting the existing Corridor H at Kerens (Randolph County) to the U.S. 219 Connector near Montrose (Tucker County), West Virginia. The project included the supply and erection of structural steel for five plate girder bridges, each ranging from approximately 600 to 1,000 feet in length and featuring varied configurations.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Joe Blasi, PE, PTOE	Years of relevant experience with this employer	21
Title	Engineering Senior Technical Advisor	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		MS / 2004 / Civil Engineering; BS / 2004 / Civil Engineering	
Active registration number / state / expiration date		#0045149 / LA/ 03-31-2027, #17285 / AR / 12-31-2027, #P22765 / IA / 12-31-2026, #200901890 / MO / 12-31-2027, #129234 / TX / 12-31-2026, Professional Traffic Operations Engineer (PTOE) / #3268 / National / 05-02-2027	
Year registered	LA 2020, AR 2016, IA 2015, MO 2009, TX 2018, PTOE 2012	Discipline	Civil Engineering, N/A
Contract role(s) / brief description of responsibilities		Maintenance of Traffic	
Joe is a senior transportation technical advisor with over 20 years of experience supporting maintenance of traffic, work zone analysis, and construction phasing for complex bridge projects. His expertise includes TMP development, traffic modeling, and construction support to maintain safe and efficient traffic operations during bridge rehabilitation.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/21-Present	LaDOTD and City of Baton Rouge, Plank-Nicholson Bus Rapid Transit, East Baton Rouge, Louisiana Task lead responsible for development of VISSIM model used to analyze the effects of installing Bus Rapid Transit along a ten-mile corridor through downtown Baton Rouge. This project includes the use of VISTRO and VISUM as well to develop the existing and future scenarios for analysis in VISSIM.		
05/19-07/23	LaDOTD, I-10 Calcasieu River Bridge EIS, Lake Charles, Louisiana Technical advisor for the bridge replacement study, which was a corridor study of approximately nine miles and included many complex issues in an urban setting such as the navigable Calcasieu River, numerous petro-chemical plants, a high-volume railroad and numerous businesses immediately adjacent to the corridor. A VISSIM model was used to analyze various future alternatives.		
12/21-10/22	LaDOTD, I-20 TMP for Orange Street Overpass Repair, Monroe, Louisiana Technical advisor and reviewer for a LaDOTD Level 4 TMP developed for a closure of I-20 through downtown Monroe, LA. The TMP detailed the nighttime closure of I-20 under the Orange Street Overpass for emergency repairs and the use of Texas Avenue, Millhaven Road, and Garrett Road as an alternate route.		
11/20-07/22	Iowa Department of Transportation (Iowa DOT), Bridges and Structures Bureau Statewide On-Call, Statewide, Iowa Traffic engineer who developed temporary traffic signal timing plans for several bridge construction projects where a reversible lane was required on the bridge to keep it open to traffic. HNTB was tasked with completing 44 bridge overlay projects across the state of Iowa.		
05/15-11/17	Iowa DOT, I-80/I-380 TMP/TIM Plan Update, Coralville and Iowa City, Iowa Traffic analysis lead for development and implementation of identified traffic management actions during construction of the I-80/I-380 system interchange. Major responsibilities included traffic analysis in VISSIM of preliminary design plans and staging to support a constructability and MOT review. Also developed and analyzed other solutions and strategies to mitigate construction impacts, such as alternate routes and signal system upgrades. Developed performance measures and a data collection plan to monitor network performance.		
06/09-01/10	Baton Rouge Parish, Essen Lane Traffic Signal Upgrade, Baton Rouge, Louisiana Traffic engineer who assisted in the development of traffic signal timing plans along the Essen Lane corridor in Baton Rouge. He assisted in development of signal timing and phasing plans for the AM, Noon and PM peak hours. Signal timings were optimized using Synchro and SimTraffic software.		



16. Staff Experience:

Firm employed by: Forte & Tablada, Inc.

Name	Bradley Holleman, PLS, PE		Years of relevant experience with this employer	4
Title	Senior Vice President, Survey/AMN		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering		
Active registration number / state / expiration date		#47165 / LA / 03-31-2027, PLS : #5082 / LA / 09-30-2026		
Year registered	LA	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Survey		
Bradley will serve as survey principal-in-charge for this contract, coordinating with survey task managers to ensure task orders are scoped, initiated and completed on schedule while meeting LaDOTD deliverable requirements and Forte & Tablada quality standards. He brings 14 years of experience managing field crews and office production for LaDOTD topographic surveys, boundary surveys and right-of-way mapping. His experience includes nine years as a supervising professional and three years as a principal. He has managed more than 130 task orders across five LaDOTD IDIQ contracts.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/25-Present	Office of Louisiana Highway Construction (OLHC), Bridge Bundle Program, District 04, Louisiana Principal-in-charge for topographic surveying and establishment of existing right-of-way for nine bridge sites along two-lane state highways for the OLHC.			
08/23-Present	LaDOTD, I/IJA Off-System Bridge Program, East Baton Rouge Parish, Louisiana Principal-in-charge for topographic surveying and ROW mapping services for 13 bridge sites across 10 project numbers on two-lane roadways.			
12/21-Present	LaDOTD, Professional Surveying Services IDIQ Contract, Statewide, Louisiana Principal-in-charge performing topographic surveys for LaDOTD. Completed nine task orders across seven state highway projects. Work included establishing deep rod control monuments, conventional topographic survey, hydrographic survey, terrestrial and mobile LiDAR survey, and preparation of existing drainage maps.			
09/21-Present	LaDOTD, Professional Surveying Services IDIQ Contract, District 03 and 07, Louisiana Principal-in-charge for property surveys, right-of-way mapping, right-of-way establishment and title research for LaDOTD projects.			
06/21-Present	LaDOTD, Rural Bridge Replacement Initiative Phase II, District 04 and 05 Louisiana Principal-in-charge for topographic surveying and right-of-way mapping services for 20 bridge sites across five state projects in Districts 04 and 05, primarily on two-lane rural roadways.			
01/21-Present	LaDOTD, I-49 Connector, Lafayette Parish, Louisiana Principal-in-charge for topographic and property surveying services for the I-49 Connector project, a complex urban corridor approximately 5 miles in length.			
08/19 - Present	LaDOTD, I-10/Loyola Interchange Improvements, Kenner, Louisiana Surveyor-in-charge and principal-in-charge providing topographic survey, right-of-way survey, drainage survey and right-of-way monument mapping. The project extends along I-10 from the levee in Kenner to the Williams Boulevard off-ramp and includes Loyola Avenue and portions of Veterans Boulevard, covering approximately 3.2 miles of roadway. He originally managed SJB Group's portion of the survey and now serves as principal-in-charge for all ongoing and new work assigned to Forte & Tablada.			



16. Staff Experience:	
03/2024-04/2024	LaDOTD, I-10/Loyola Interchange Improvements, Kenner, Louisiana Surveyor-in-charge and principal-in-charge providing topographic survey, right-of-way survey, drainage survey and right-of-way monument mapping. The project extends along I-10 from the levee in Kenner to the Williams Boulevard off-ramp and includes Loyola Avenue and portions of Veterans Boulevard, covering approximately 3.2 miles. Initially managed survey efforts for a partner firm and now serves as principal-in-charge for ongoing and future work.
01/21-12/22	LaDOTD, Calcasieu River Bridge Investigation (HBI), Calcasieu Parish, Louisiana Principal-in-charge providing topographic survey, mobile and terrestrial LiDAR and multibeam hydrographic survey of Lake Charles, along with drainage mapping. The project spans approximately 7 miles along I-10 through a high-traffic industrial corridor. The survey included four phases completed on a condensed schedule, requiring mobilization of up to six survey crews to meet deadlines.
01/21-06/22	LaDOTD, Professional Surveying Services Retainer, Statewide, Louisiana (Districts 02, 03, 07, 61 and 62) Principal-in-charge performing topographic surveys for LaDOTD. Completed 18 task orders across 11 state highway projects. Survey tasks included establishing deep rod control monuments, conventional topographic survey, hydrographic survey, terrestrial and mobile LiDAR and preparation of existing drainage maps.
01/21-03/22	LaDOTD, Rural Bridge Replacement Initiative, Phase I, Louisiana Principal-in-charge for topographic surveying and right-of-way mapping services for 22 bridge sites across seven state projects in Districts 04, 05, 08 and 58 on two-lane rural roadways.
11/19-12/20	LaDOTD, Calcasieu River Bridge Investigation, Calcasieu Parish, Louisiana Surveyor providing mobile LiDAR scanning services for the I-10 bridge over Lake Calcasieu in Lake Charles. Performed terrestrial scans beneath the bridge for 10 spans on the eastbound and westbound structures, as well as deck-level and water-based scans to capture superstructure and substructure conditions.
01/18-04/20	LaDOTD, I-10 Widening: LA 415 to Essen Lane, East Baton Rouge Parish, Louisiana Surveyor-in-charge for topographic survey and 3D mobile laser scanning supporting widening design of Interstate 10. Coordinated with a team of four survey firms to complete work on schedule as part of a larger corridor project.
04/17-10/19	LaDOTD, LA 339 Bridge Replacement and Improvements, Louisiana Surveyor-in-charge for property survey and right-of-way mapping. Conducted field and office analysis to establish existing right-of-way and produced right-of-way maps in accordance with LaDOTD specifications to support property acquisition.
05/18-04/19	LaDOTD, I-10 Improvements: Paris Road to Lake Pontchartrain, New Orleans, Louisiana Surveyor-in-charge for topographic survey, 3D mobile laser scanning and preparation of existing drainage maps. Supported design of improvements along an approximately 8-mile corridor in New Orleans East.
06/16-02/17	LaDOTD, Chef Menteur Pass Bridge Replacement, Louisiana Surveyor-in-charge for topographic survey, 3D laser scanning and preparation of drainage maps. Supported design of a new bridge replacing the existing swing bridge on U.S. 90. Completed work in accordance with the LaDOTD Location and Survey Manual.
12/14-03/16	LaDOTD, I-12 Widening: LA 21 to LA 59, St. Tammany Parish, Louisiana Surveyor-in-charge for topographic survey, 3D laser scanning and preparation of existing drainage maps supporting widening of Interstate 12.
04/12-09/12	LaDOTD, LA 3188 Drainage Improvements, LaPlace, Louisiana Surveyor-in-charge for topographic survey and preparation of existing drainage maps to support roadway drainage improvements addressing localized flooding.

16. Staff Experience:

Firm employed by: Ardaman & Associates, Inc.

Name	Robert Jewell, PE	Years of relevant experience with this employer	19
Title	Project Engineer / Branch Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering	
Active registration number / state / expiration date		#38579 / LA / 09-30-2026	
Year registered	LA 2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Subsurface Investigation	
Robert serves as the manager of our Baton Rouge office and has over 19 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LaDOTD projects. He has extensive experience in construction phase testing and oversight including dynamic and static testing, pile integrity testing, cross hole sonic logging, settlement monitoring, and geotechnical instrumentation. In particular, he has over 15 years of experience performing, analyzing, and reporting for PDA testing.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/23-Present	LaDOTD, LA 1 to LA 30 Connector: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, Louisiana Project manager for this project. The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Managed supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. He helped oversee the preliminary engineering analyses which included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.		
07/21-Present	LaDOTD, I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR): Baton Rouge Parish, Louisiana Project manager of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Oversee all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Mr. Jewell helped develop the geotechnical data reports, memorandums and design reports for this project.		
03/19-07/20	LaDOTD, I-10 Widening (LA 415 to Howard St): East Baton Rouge Parish, Louisiana Project engineer who co-managed all aspects of the geotechnical investigation in support of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on westbound lanes along I-10 between LA 415 and Howard Street spanning approximately one mile. The geotechnical investigation will include 58 deep borings and 11 cone penetrometer (CPT) soundings, field resistivity testing, and associated laboratory testing and the preparation of a geotechnical data report.		
11/21-Present	LaDOTD, U.S. 371: KCS Railroad Overpasses HBI: Webster Parish, Louisiana Project manager for the project. The project consists of construction of three bridges for U.S. 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman & Associates performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.		



16. Staff Experience:	
04/21-Present	LaDOTD, Rural Bridge Initiative Phase II: West Feliciana, East Feliciana, Livingston, and St. Bernard Parishes, Louisiana Project manager for the project. The project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers, and creeks. Oversees all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations.
10/18-11/21	LaDOTD, I-220 / I-20 Interchange Improvement and Barksdale Air Force Base Access Road: Bossier Parish, Louisiana Project manager for the project. This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Managed and oversaw the preparation of the preliminary design and planning report. Mr. Jewell also oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. The PDA program consisted of monitoring PPC piles during initial drive and restrikes to allow for evaluation of setup and early acceptance of pile resistances.
10/15-10/21	LaDOTD, Pecue Lane I-10 Interchange: East Baton Rouge Parish, Louisiana Project engineer for the project. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Helped perform analyses including settlement estimates with recommendations for monitoring, driven pile and drilled shaft design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to LaDOTD standards. Currently overseeing the construction phase which includes PDA monitoring, static load testing, and settlement monitoring.
07/15-Present	LaDOTD, I-49 Connector (Lafayette Regional Airport to I-10/I-49/U.S. 167 Interchange): Lafayette Parish, Louisiana Project manager for the project. The project consists of construction of five miles of freeway consisting of a 3.5-mile elevated structure from I-10 to the Airport in Lafayette, LA. Oversaw the completion of the Phase I geotechnical investigation, which included 116 deep and shallow soil boring, and 15 CPT soundings, and laboratory testing program per LaDOTD guidelines. Oversaw the completion of the Geotechnical Data Report and assisted with technical reviews pertaining to selection of design reaches, geotechnical design of pile and drilled shaft foundations, drivability, slope stability, earth retaining structures, settlement analyses and construction testing program recommendations, including an advanced test pile program. He is currently overseeing development of the Phase 2 field and laboratory program for each segment.
04/14-Present	LaDOTD, I-12 to Bush Segment 2, LA 3241 (LA 36-LA435): St. Tammany Parish, Louisiana Project manager who oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. He assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts. Oversaw the construction phase which included PDA testing and settlement monitoring.
10/09-Present	MDOT, I-20 Mississippi River Bridge Review: Vicksburg, Mississippi Project engineer who assisted in several aspects of engineering for this multi-million-dollar, high risk, high technical needs, high visibility project consisting of investigating movement of the I-20 Bridge in Vicksburg, Mississippi. This project consisted of a comprehensive laboratory testing program and refinement of the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. Helped managed the field investigations and instrumentation programs, along with review of the field data and engineering reporting.

16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Collins Landry	Years of relevant experience with this employer	7
Title	Construction Field Specialist	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		HS Diploma / 1983 / General Studies	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Utility Coordination	
Collins has more than 30 years of experience in state government, with extensive experience in utility relocation, permitting, and roadway inspection. Throughout his career, he has managed projects and coordinated utility relocation for LaDOTD on over 100 road projects covering District 61. He has coordinated utility relocation in nine parishes and extensively networked with contacts nationwide.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/21-Present	MOVEBR Capital Improvement Program - South Choctaw, Flannery to Central Thruway, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is managing all utility agreements and light and relocation plans, reviewing all construction plans to determine what utilities conflict and reviewing all invoices and backup data before submission for payment.		
06/21-Present	MOVEBR Capital Improvement Program - McHugh Road, Groom Road to Lower Zachary, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring construction plans to determine what utilities are in conflict and reviewing all invoices and backup data before submission for payment.		
06/21-Present	MOVEBR Capital Improvement Program - Mall of Louisiana, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities conflict, reviewing all invoices and backup data before submittal for payment, and coordinating with the City of Baton Rouge Survey crew to stake out the ROW and putting station stakes out.		
06/22-Present	MOVEBR Capital Improvement Program - Jefferson at Bluebonnet Intersection Improvement, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities conflict, and reviewing all invoices and backup data before submittal for payment.		
06/21-Present	MOVEBR Capital Improvement Program - Midway Piccardy to Constantine, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities conflict, and reviewing all invoices and backup data before submitting payment.		
06/21-Present	MOVEBR Capital Improvement Program - Constantine Phase 2 Midway to Bluebonnet, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities conflict, and reviewing all invoices and backup data before submittal for payment.		
08/21-Present	MOVEBR Capital Improvement Program - Old Hammond Highway Segment 1, Baton Rouge, Louisiana Utility coordinator on all road construction involving utilities. He is acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict and reviewing all invoices and backup data before submittal for payment.		



16. Staff Experience:

Firm employed by: HNTB Corporation

Name	Myles Brumfield, JD	Years of relevant experience with this employer	2
Title	Engagement and Communications Managers	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		JD / 2021 / Juris Doctor; BS / 2014 / Mass Communications	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Stakeholder Outreach	
Myles brings over a decade of experience in political campaigns, government administration, and stakeholder engagement. He has served on executive staff for a governor and two cabinet secretaries, including at the Louisiana Department of Transportation and Development, where he coordinated with stakeholders, elected officials and agency personnel. He currently serves as Engagement and Communications Manager in HNTB's Gulf Coast District, where he partners with leadership to develop strategies critical to project delivery, working closely with project managers and consultants to strengthen client relationships and support successful delivery.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/24 - Present	LaDOTD, Baton Rouge to New Orleans Rail Intercity Rail Program, Baton Rouge and New Orleans, Louisiana Stakeholder Outreach Lead responsible for stakeholder engagement plan and implementation for this future intercity passenger rail line. Responsibilities include coordinating prime and subconsultant efforts including facilitating meetings, public discourse, and securing letters of support from local, state, and federal elected officials, department heads and NGOs in support of Baton Rouge to New Orleans passenger rail.		
03/26 - Present	LaDOTD, I-12 Corridor Masterplan, City, Baton Rouge, Louisiana Stakeholder outreach and public engagement lead for the development of the I 12 Corridor Master Plan, including identifying key stakeholders, managing communications, facilitating surveys and working group meetings, and synthesizing feedback into project deliverables. This project is to develop a comprehensive master plan for the I 12 corridor from I 59 to I 10, integrating technical analysis, prior studies, and stakeholder input to define corridor needs, prioritize improvements, and establish a phased implementation strategy to guide future transportation investments.		



The background image shows a large-scale construction project, likely a dam or bridge, spanning a wide body of water. A long, curved concrete structure with a series of vertical supports runs across the middle of the frame. In the distance, a tall construction crane stands against a dark, overcast sky. The far bank is covered in dense trees. The foreground shows the calm surface of the water and a small, rocky shoreline with a few trees on the right.

SECTION

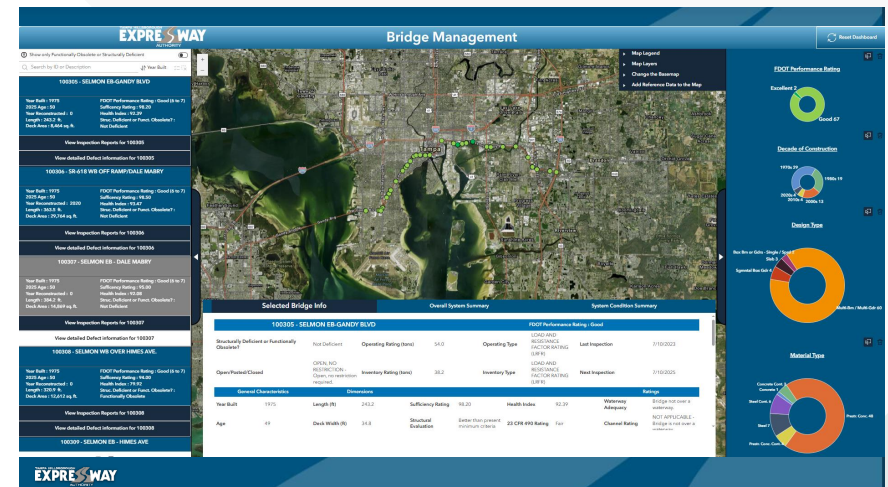
17

Firm Experience

Firm name	HNTB Corporation	Discipline(s)	Bridge
Project name	THEA ASSET MANAGEMENT IMPLEMENTATION		Firm responsibility (prime or sub?) Prime
Project number	0-00121	Owner's name	Tampa Hillsborough Expressway Authority
Project location	Tampa, Florida	Owner's Project Manager	Judith Villegas
Owner's address, phone, email	1104 E. Twiggs Street, Suite 300, Tampa, FL 33602 / (813) 272-6740 / judith.villegas@tampa-xway.com		
Services commenced by this firm (mm/yy)	07/22	Total consultant contract cost (\$1,000's)	\$4,560
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)	\$4,400

Structure Asset Management Plan Development: For THEA's bridge assets, the effort began with validation and integration of bridge inventory and inspection data from multiple sources, including THEA, Florida Department of Transportation (FDOT) and FHWA, resulting in a unified, GIS-enabled dataset that established a reliable "single source of truth." Building on this foundation, HNTB developed bridge deterioration models to forecast asset condition and identify key factors influencing performance, such as traffic loading, environmental exposure, and material characteristics. Industry-standard methodologies were applied and calibrated to align with observed conditions and FDOT practices. HNTB also evaluated maintenance practices and developed treatment matrices linking bridge condition states and structural elements to appropriate maintenance actions. These matrices incorporated anticipated costs, service life and performance impacts to support consistent, risk-informed decision-making. The resulting framework enables THEA to improve transparency, optimize maintenance investments, extend asset life, and transition from reactive to proactive management of its bridge network.

Key Staff: Andy Foden, Chad Allen, Summer Maison



- ✓ Structure Asset Management Plan Development
- ✓ Asset Management Plan Implementation
- ✓ Stakeholder Engagement

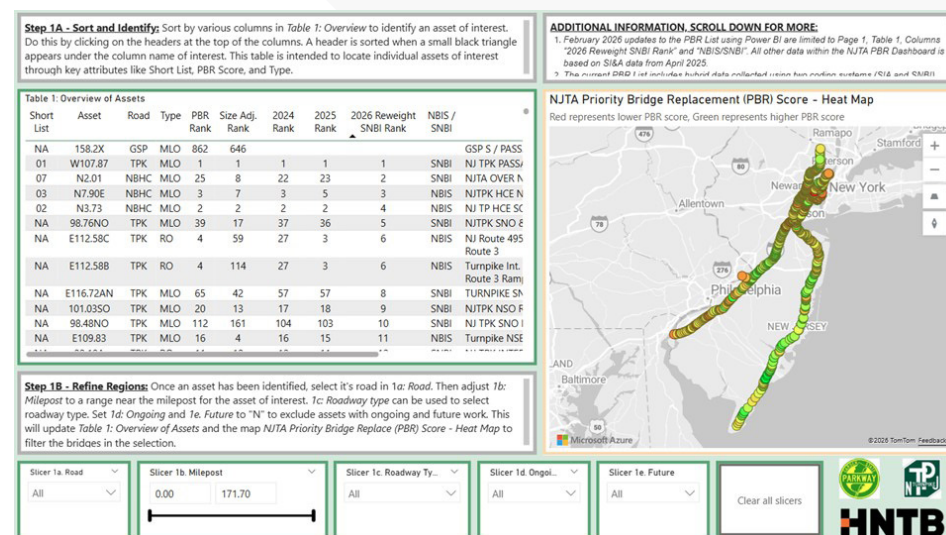
17. Firm Experience:

Firm name	HNTB Corporation	Discipline(s)	Bridge
Project name	ENHANCED PRIORITY BRIDGE REPLACEMENT DASHBOARD		Firm responsibility (prime or sub?) Prime
Project number	A3785	Owner's name	New Jersey Turnpike Authority
Project location	Statewide, New Jersey	Owner's Project Manager	Jean Laird
Owner's address, phone, email	1 Turnpike Plaza, Woodbridge, NJ 07095 / (732) 750-5300 x 8236 / laird@njta.com		
Services commenced by this firm (mm/yy)	04/25	Total consultant contract cost (\$1,000's)	\$122
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)	\$122

The NJTA Enhanced Priority Bridge Replacement Dashboard was developed to modernize and expand a legacy Excel-based bridge ranking tool into a secure, cloud-hosted Power BI application that supports data-informed bridge asset management and replacement decision-making. HNTB transformed the original task of limited spreadsheet revisions into development of a four-page dashboard that allows users to visualize more than 1,100 bridges assets by reviewing bulk inspection data rapidly and evaluating historic/future contracts to develop geographically logical replacement contracts for key groups of assets. The tool supports deck, superstructure, and full bridge replacement evaluations alongside contract-level cost information for selected groupings. It has also been used to support the transition of inspection standards from Structural Inventory and Appraisal (SI&A) to Specification for National Bridge Inventory (SNBI), when portions of the inventory were being managed under different coding standards.

- **Dashboard Development:** While the original effort focused on updating an existing Excel workbook, HNTB provided additional value by developing an enhanced Power BI dashboard environment to strengthen usability, security and consistency in the bridge replacement prioritization process.
- **Inspection and Ranking Review:** The first pages of the dashboard allow users to filter the inventory geographically and by high-level criteria, review inspection results and priority scores and quickly identify bridges most in need of action.
- **Detailed Asset Evaluation:** The dashboard provides element-level inspection information, ongoing contracts data, capital planning initiatives and contract history so users can make holistically informed decisions regarding replacement needs for candidate structures.
- **Contract Development and Cost Modeling:** The final pages allow users to confirm bridges for inclusion in a contract, compare deck, superstructure and full bridge replacement scenarios, and generate cumulative contract costs for selected bridge groupings.
- **Asset Management Benefit:** By linking inspection information directly to replacement decision-making in a controlled cloud-hosted platform, HNTB streamlined a previously manual process and created a more accessible decision-support tool for agency staff.
- **Deterioration Modeling:** Local versions of the dashboard have been modified to include historic inspection data paired with 20-year forecast deterioration models to determine funding for long-term capital planning needs.

Key Staff: Andy Foden, Luke Dragon, Summer Maison



PROJECT RELEVANCY

- ✓ Asset Management
- ✓ Bridge Inspections
- ✓ Engineering Technology
- ✓ Bridge Preservation

17. Firm Experience:					
Firm name	HNTB Corporation		Discipline(s)		Bridge
Project name	FOLLOW UP ACTION (FUA) BRIDGE REPAIRS			Firm responsibility (prime or sub?)	Prime
Project number	0902-00-355		Owner's name	TxDOT Fort Worth	
Project location	Fort Worth and Surrounding Counties, Texas		Owner's Project Manager	Cynthia De La Garza	
Owner's address, phone, email		2501 SW Loop 820, Fort Worth, TX 76133 / (817) 370-6500 / cynthia.delagarza@txdot.gov			
Services commenced by this firm (mm/yy)		03/22	Total consultant contract cost (\$1,000's)		\$2,200
Services completed by this firm (mm/yy)		03/25	Cost of consultant services provided by this firm (\$1,000's)		\$1,300

All TxDOT districts are responsible for tracking and addressing Follow-Up Action (FUA) bridge repairs that are identified through routine bridge inspections. Addressing FUAs are a high priority item for TxDOT to ensure the safety of their bridge assets and to keep them in the Fair and Good category. Through a Comprehensive Engineering Services Contract, HNTB was contracted by TxDOT's Fort Worth District to develop Plans, Specifications, and Estimates to address 172 FUAs spread across seven counties. HNTB provided the following services for the FUA project:

- On-Site Field Inspections:** Prior to developing the design plans, HNTB sent field personnel to each site to accurately photograph and obtain measurements to help determine appropriate repair measures, including quantities. Knowing the importance of improving bridge condition ratings paired with mobilization driving the majority of contractor cost, HNTB would perform a holistic inspection of each bridge in its entirety to identify additional FUA recommendations. Through ongoing project coordination, TxDOT would then review which additional FUAs identified by HNTB field personnel would be approved. This innovative approach reduced the need to re-mobilize contractor maintenance crews, saving the client money while helping raise bridge component condition ratings.
- Engineering Analysis and Design:** HNTB developed full PS&E plans to address FUAs including structural repair details, traffic control plans, environmental documents, quantities, cost estimates, and scour remediation. Some of the defects addressed by HNTB included: joint replacements, concrete cracking, spalling, and delamination, overhead vehicular impacts to prestressed girders resulting in severed strands, erosion and scour, culvert wingwall failure, steel girder and bearing corrosion with section loss, cracked welds, fractured T-beam ends, and severe abutment backwall fracturing. HNTB field personnel called in a critical finding to TxDOT Fort Worth's Lead Inspection Coordinator when it was discovered that several T-beam ends had fractured due to locked up steel expansion bearings. Within a few months, HNTB developed repair plans for supplemental bearings which allowed for a safe load transfer to the bridge bent caps.
- Post Design Construction Support Services:** While contractor field crews were performing the prescribed bridge repairs, HNTB was on standby to answer any questions that arose in the field. HNTB attended bi-weekly construction meetings with TxDOT and the contractor to clarify design intent in a prompt manner to avoid costly delays. As engineer of record, HNTB reviewed shop drawings submitted by the contractor to ensure compliance with the repair plans and TxDOT specifications.

Key Staff: Josh Porter, Patrick Roth, Marc Hoffmann, Bobby Flinn, Lars Jensen

PROJECT RELEVANCY

- ✓ On-Site Field Inspections
- ✓ Post-Design Construction Support Services
- ✓ Engineering Analysis and Design

INITIAL CONDITIONS



17. Firm Experience:				
Firm name	HNTB Corporation		Discipline(s)	Bridge
Project name	IDIQ CONTRACT FOR BRIDGE PRESERVATION		Firm responsibility (prime or sub?)	Prime
Project number	4400005772	Owner's name	LaDOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Zhengzheng "Jenny" Fu	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1321 / zhengzheng.fu@la.gov		
Services commenced by this firm (mm/yy)		08/15	Total consultant contract cost (\$1,000's)	\$4,692
Services completed by this firm (mm/yy)		08/20	Cost of consultant services provided by this firm (\$1,000's)	\$4,325

As part of these five-year IDIQ retainer contracts focused on Bridge Preservation, HNTB completed 31 TOs. TOs included bridge replacements, bridge rehabilitation including emergency repair projects and Construction Related Engineering Services (CRES). A highlighted summary of the TOs performed under this contract are provided below:

- **TO 01, I-20 Monroe** \ CRES \ CRES on the rehab
- **TO 02, Calcasieu Rehab** \ Stage 0 \ Develop scope and Stage 0 checklist for extending life of bridge by 10-15 years
- **TO 03, U.S. 80 over I-20** \ Design \ Design of the steel girder bridge using SPMT over I-20
- **TO 04, LA 182 Charenton** \ Stage 0 \ Develop scope and Stage 0 checklist for rehab of the bridge based on inspection (by LaDOTD) and rating (by LaDOTD)
- **TO 05, U.S. 90 over LA 14** \ Design \ Supplement to include ABC checks and designs
- **TO 06, U.S. 90 over Southern Pacific** \ Stage 0 \ Inspect, review load rating (provided by LaDOTD), develop scope and Stage 0 checklist for rehabilitation of the bridge
- **TO 07, I-20 Bossier** \ Rehabilitation \ Supplement to complete project
- **TO 08, U.S. 90 over Atchafalaya** \ Rehabilitation \ Cleaning, painting and repairs of bridge
- **TO 09, I-10 Overpass Interim Repairs** \ Rehabilitation \ Rehabilitation of bridge
- **TO 10, LA 442 Replacement** \ Design \ Design to replace existing bridge
- **TO 11, I-20 Bossier** \ CRES \ CRES on the rehabilitation
- **TO 12, LA 182 Barrow Street** \ Stage 0 \ Inspect, load rate, develop scope and perform Stage 0 checklist
- **TO 13, U.S. 190 over UP RR** \ Stage 0 \ Inspect, load rate, develop scope and perform Stage 0 checklist
- **TO 14, I-20 Texas Line** \ Design \ Widening I-20 bridges near Texas State Line
- **TO 15, U.S. 90 LDRR** \ Rehabilitation \ Rehabilitation of twin span bridges
- **TO 16, Pierre Part** \ Feasibility Study \ Inspect, load rate and come up with repair recommendation report

- **TO 17, LA 23 Belle Chase** \ Instrumentation, testing, paint sample testing on Judge Perez
- **TO 18, Boeuf River** \ Design \ Boeuf River Bridge replacement
- **TO 19, LA 442 Replacement** \ CRES \ CRES on the design
- **TO 20, I-10 Overpass Interim Repairs** \ CRES \ CRES on the rehabilitation
- **TO 21, LA 532 over I-20** \ Design \ Design of the LA 532 bridge
- **TO 22, U.S. 90 over Atchafalaya** \ CRES \ CRES on the rehabilitation
- **TO 23, Vets Slab Span Repair** \ Design \ Design of new portion of slab span that caught on fire
- **TO 24, Loyola Slab Span Repairs** \ Rehabilitation \ Slab span epoxy repairs
- **TO 25, U.S. 90 LDRR** \ CRES \ CRES on the rehabilitation
- **TO 27, U.S. 80 over I-20** \ CRES \ CRES on the design
- **TO 28, Vets Slab Span Repair** \ CRES \ CRES on the design
- **TO 29, Loyola Slab Span Repairs** \ CRES \ CRES on the rehab
- **TO 30, Boeuf River** \ CRES \ CRES on the design
- **TO 31, LA 532 over I-20** \ CRES \ CRES on the design
- **TO 32, I-49 UPRR Girder** \ Design \ Design of new girder that was damaged

Key Staff: Josh Porter, Dusty Bastion, Patrick Roth, Marc Hoffmann, John Bernard, Jared Sommers, Bradley Holleman

PROJECT RELEVANCY

✓ Louisiana Structure Preservation Project Development

31 Task Orders	8 Bridge Designs
	8 Rehabs
	11 CRES
	6 Feasibility
	1 Instrument Testing

17. Firm Experience:					
Firm name	HNTB Corporation		Discipline(s)		Bridge, Road, Geotech, Environmental
Project name	SCREENING, SELECTION AND ENGINEERING, IJJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61			Firm responsibility (prime or sub?)	Prime
Project number	4400025029		Owner's name	LaDOTD	
Project location	East Baton Rouge Parish, Louisiana		Owner's Project Manager	Valerie Tourres	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1894 / valerie.tourres@la.gov			
Services commenced by this firm (mm/yy)		09/22	Total consultant contract cost (\$1,000's)		\$2,600
Services completed by this firm (mm/yy)		Present	Cost of consultant services provided by this firm (\$1,000's)		\$1,322

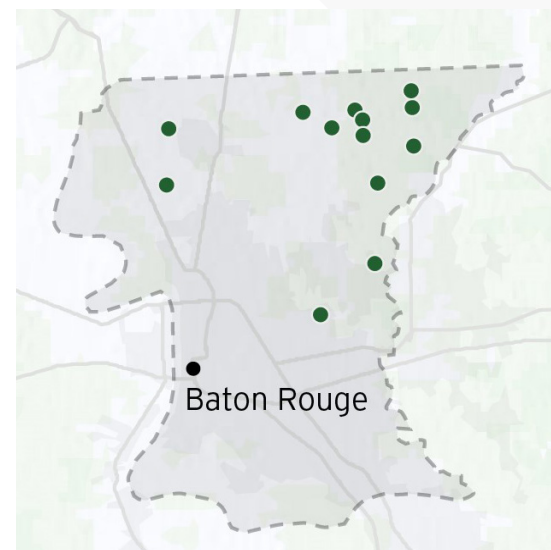
This \$38.5 million off-system bridge replacement program includes the asset management planning, development, and design of projects to replace fair- and poor-condition parish-owned bridges in East Baton Rouge Parish. The program is funded through federal IJJA Off-System Bridge Program funds administered by the Louisiana Department of Transportation and Development. HNTB partnered with **Ardaman & Associates**, **ELOS Environmental** and **Forte & Tablada** on this project.

Asset Management Planning: HNTB's work began with a comprehensive planning and prioritization effort to determine which bridge structures were the best candidates for replacement under the available funding. This effort included researching off-system bridges eligible for IJJA funding, coordinating with East Baton Rouge Parish and other local stakeholders, and developing a custom screening and prioritization tool. Following coordination with East Baton Rouge Parish and LaDOTD, potential replacement bridges that were already in line for bridge replacements through other funding mechanisms were removed from the potential replacement inventory. The screening and prioritization tool was designed to maximize the impact of limited program funds by prioritizing bridges in poor or fair condition while also considering project-level cost efficiency. The tool included parametric cost estimating based on site specific parameters that would create preliminary cost estimates to assist in program planning. Preference was given to bridges that could be replaced at lower overall cost—often structures located on relatively straight roadway alignments—thereby minimizing roadway modifications, as well as projects that minimized right of way acquisition and utility relocations reducing construction costs while still addressing critical needs. This prioritization strategy was in alignment with the Parish's goal of replacing as many bridges as possible with the available funding.

The screening and selection process was iterative and involved ongoing coordination with East Baton Rouge Parish and other stakeholders to align local priorities with program objectives. HNTB worked closely with the Parish to understand existing funding sources, planned bridge replacements, and long-term capital programs to ensure that federal and local funds were allocated efficiently and that project scopes did not overlap with other planned improvements.

Project Development: The final program consists of 13 bridge replacements delivered through 10 separate projects. Following project selection, HNTB completed all design services necessary to advance the projects to construction. Services included coordination with LaDOTD and parish staff, management of multiple subconsultants, multidisciplinary design delivery, and construction-phase support. Disciplines involved in the program include bridge and roadway design, environmental services, geotechnical engineering and testing, surveying, right-of-way mapping, traffic control and hydraulics.

Key Staff: Dusty Bastion, Patrick Duffy, Marc Hoffmann, Jared Sommers, Mira Para, Joe Stilson, Lars Jensen, Ryan Felder, Bradley Holleman, Basile Dardar, Robert Jewell



PROJECT RELEVANCY

- ✓ Asset Management Planning
- ✓ Survey and Subsurface Investigations
- ✓ Environmental Permitting
- ✓ Engineering Analysis and Design
- ✓ Cost Estimating
- ✓ Stakeholder Coordination
- ✓ Post-Design Construction Support Services

17. Firm Experience:				
Firm name	Moffat & Nichol, Inc.	Discipline(s)		Bridge
Project name	CITYWIDE BRIDGE STRATEGIC PLAN		Firm responsibility (prime or sub?)	Prime
Project number	C-134522	Owner's name	City of Los Angeles	
Project location	Los Angeles, California	Owner's Project Manager	Scott Gibson	
Owner's address, phone, email		1149 S Broadway, Suite 700, Los Angeles, California 90015-2213 / (213) 485-5101 / scott.gibson@lacity.org		
Services commenced by this firm (mm/yy)	06/22	Total consultant contract cost (\$1,000's)		\$1,686
Services completed by this firm (mm/yy)	08/24	Cost of consultant services provided by this firm (\$1,000's)		\$1,686

The City of Los Angeles maintains one of the largest and most complex bridge inventories of any municipality in the nation. With more than four million residents and two of the largest port facilities in the Western Hemisphere, the Los Angeles' transportation infrastructure is critical to economic prosperity, community connectivity and public safety. The Bridge Improvement Division within the Bureau of Engineering leads delivery of capital improvement projects to maintain and improve the City's 516 bridges.

Through an on-call contract, the City of Los Angeles Bureau of Engineering Bridge Improvement Division tasked Moffat & Nichol to develop a comprehensive citywide bridge strategic plan. The primary objective of the plan is to establish an expedited program to advance bridge repair, retrofit and replacement projects while supporting continuous maintenance. The program also serves as a long-term, sustainable funding and delivery framework.

Moffat & Nichol is leading this effort, including prioritizing maintenance, inspection of potentially high-risk bridges that need immediate attention, as well as long-range capital project needs. Tasks include but are not limited to the following:

- Various grant applications, including traffic safety grants.
- Initial environmental process guidance for the bridge strategic plan
- Caltrans - Highway Bridge Program submissions
- Provide the City of Los Angeles with various contract mechanisms for routine maintenance
- Bridge PS&Es for routine maintenance for various bridges
- Evaluating a structural health monitoring pilot program

Moffat & Nichol worked with the City of Los Angeles to develop the bridge strategic plan, establishing a comprehensive and prioritized framework for bridge maintenance, rehabilitation and replacement. This effort supports structural resilience and public safety for 51 bridges while maximizing approximately \$25 million in federal, state and local funding opportunities.

Key Staff: Chace Hulon

BRIDGE STRATEGIC PLAN REPORT

City of Los Angeles, California
Bureau of Engineering
Bridge Improvement Division



PROJECT RELEVANCY

- ✓ Structure Asset Management Plan Development
- ✓ Stakeholder Engagement

17. Firm Experience:				
Firm name	Moffat & Nichol, Inc.	Discipline(s)		Bridge
Project name	ASSET MANAGEMENT SYSTEM		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Southeast Louisiana Flood Protection Authority - East	
Project location	New Orleans, Louisiana	Owner's Project Manager	Steve Spencer	
Owner's address, phone, email		6920 Franklin Ave., New Orleans, LA 70122 / (504) 280-2416 / sspencer@slfpae.com		
Services commenced by this firm (mm/yy)		08/14	Total consultant contract cost (\$1,000's)	\$395
Services completed by this firm (mm/yy)		12/17	Cost of consultant services provided by this firm (\$1,000's)	\$395

Moffat & Nichol was contracted to evaluate, select and implement an asset management system (Phase 1). This assessment led the client to the decision to engage Moffat & Nichol to develop and implement a custom asset management system (Phase 2).

Phase 1: Identification of Asset Management System Functions and Requirements

Moffat & Nichol systematically evaluated existing asset management software and existing procedures. Tasks associated with the Phase 1 effort included:

- Review of existing AMP systems and their adaptability for future needs
 - Maintenance Connection
 - CHAMPS EAM
 - MicroMain Maintenance Software
 - MPulse
 - Maintenance5000
 - Ultimo
- Interviews with stakeholders to identify appropriate LOS and KPIs
- Create a project scope and requirements document to identify the proper solution
- Review of SLFPA's demands and desire to standardize and streamline the maintenance and reporting procedures through the development and implementation of an Asset Management System
- Recommendations for selection of the asset management system/software
 - Report
 - Presentation to the Board
- Project Management Plan to lead implementation

Phase 2: Custom Asset Management Software Development

Following the recommendation from Moffat & Nichol's Phase 1 assessment that no existing commercial software fully addressed the SLFPA's unique asset management needs, Phase 2 focused on the custom development of tailored asset management software. Moffat & Nichol collaborated closely with SLFPA to design and build a software solution that aligned precisely with their specific requirements and workflows. Leveraging Moffat & Nichol's expertise, the SLFPA entrusted the team to drive the design, successfully balancing functionality, cost, and project timeline. This involved in-depth analysis of SLFPA's asset inventory, maintenance procedures, reporting needs, and long-term goals. The custom software incorporated features critical for SLFPA's water control structures, including a robust inspection application, streamlined maintenance tracking, and comprehensive reporting capabilities. The development process emphasized user-friendliness and efficiency, ensuring seamless integration into SLFPA's operations and related systems. By creating a bespoke asset management system, SLFPA gained a powerful tool to optimize maintenance practices, enhance decision-making, and improve the overall management of their critical water control infrastructure.

Key Staff: Chace Hulon



PROJECT RELEVANCY

- ✓ Structure Asset Management Plan Development
- ✓ Stakeholder Engagement

17. Firm Experience:				
Firm name	Moffat & Nichol, Inc.	Discipline(s)		Bridge
Project name	LADOTD COMPLEX BRIDGE INSPECTION		Firm responsibility (prime or sub?)	Sub
Project number	H.009730.5, Task Order 03	Owner's name	LaDOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Stephanie Doolittle	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 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

Moffat & Nichol was responsible for performing bridge inspection of complex structures statewide, utilizing an IDIQ 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 (BIM) and the Coding & Field Guide. All statewide inspections of in-service bridges throughout Louisiana are performed in accordance with FHWA guidelines. 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.

Moffat & Nichol developed major updates to the BIM, including off-system directives, to support the creation of a new bridge load rating manual and a new Coding & Field Guide. A team of subject matter experts contributed to the development and reviews at periodic milestones. Moffat & Nichol collaborated with the LaDOTD staff throughout the development to manage expectations and maintain direction. In-person progress meetings occurred monthly, which included facilitating various District Bridge Engineers throughout the state. The manual is compliant with the NBIP (23 metrics and the three new metrics). The manual is thoughtfully organized systematically 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 & 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. Moffat & Nichol has been retained for five years to provide annual updates as needed.

Moffat & Nichol was tasked with revising the BIM for the LaDOTD Bridge Program to incorporate the 2022 NBIS Final Rule. The new policies and procedures included the following documents:

- LaDOTD On-System BIM
- LaDOTD Off-System BIM
- LaDOTD Coding & Field Guide

While the above documents have been completed, the LaDOTD Bridge Load Rating Manual development is currently in progress. Moffat & Nichol collaborated with the LaDOTD staff throughout the development to meet expectations and maintain their input, direction, and compliance. In-person progress meetings occurred monthly, including meetings with various District Bridge Engineers throughout the state. The BIM policies and procedures were completed and published in December 2024, were fully implemented in January 2025, and will be fully compliant for the FHWA audit in 2028.

Key Staff: Dusty Bastion, Patrick Roth, Chace Hulon, Lars Jensen, Marc Hoffmann



PROJECT RELEVANCY

- ✓ On-Site Field Inspections
- ✓ Condition Assessments and Identified Deficiencies
- ✓ Recommended Preservation, Rehabilitation
- ✓ Replacement Actions.

17. Firm Experience:

Firm name	Forte & Tablada, Inc.	Discipline(s)	Bridge
Project name	IDIQ CONTRACT FOR BRIDGE LOAD RATING SERVICES – T06 AND T010		Firm responsibility (prime or sub?) Prime
Project number	H.009859.5	Owner's name	LaDOTD
Project location	Statewide, Louisiana	Owner's Project Manager	Billy Metcalf, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1741 / William.Metcalf@LA.gov		
Services commenced by this firm (mm/yy)	06/23	Total consultant contract cost (\$1,000's)	\$4,969
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)	\$2,341

The Forte and Tablada / HNTB team is providing statewide bridge load rating and evaluation services under an IDIQ contract with LADOTD. Work includes the load rating of numerous bridges across Louisiana, including approximately 70 bridges under Task Order 6 and 106 bridges under Task Order 10, using the Load and Resistance Factor Rating (LRFR) methodology in accordance with AASHTO and LADOTD requirements.

Task 1 entails plan and document review, including the evaluation of existing conditions in LADOTD Inspection Reports, a review of As-Built Plans, and evaluation of historical documentation to support accurate bridge modeling. For bridges with incomplete records, we coordinate with LADOTD HQ and District personnel to obtain additional information required to complete the load rating. Tasks 2 and 3 include a comprehensive structural analysis to determine load-carrying capacity based on present bridge conditions and development of the Load Rating Report, which includes any required assumptions, deficiencies that affected the load rating, and electronic models and calculation packages to support future re-rating needs. AASHTOWare BrR models are created for all superstructures, unless a more sophisticated analysis package is required. In those instances, MIDAS Civil is utilized.

For bridges that are found to require a load posting, the team communicates repair and/or rehabilitation details to LADOTD to remove or improve the load posting and provides an updated Load Rating Report once repairs are made. When As-Built Plans are not found, and bridge details do not match any previous LADOTD Standard Plans, site visits are performed to gather dimensions and determine structural details required to perform the load rating. Specialty equipment utilized includes a 3-D laser scanner, Proceq Profoscope rebar locator, and a Rinntech Resistograph to measure pile section loss.

Key Staff: Joffrey Easley

**PROJECT RELEVANCY**

- ✓ On-Site Field Inspections
- ✓ Condition Assessments and Identified Deficiencies
- ✓ Recommended Preservation Actions
- ✓ Engineering Analysis and Design

17. Firm Experience:

Firm name	Forte & Tablada, Inc.	Discipline(s)	Bridge
Project name	LIVINGSTON PARISH BRIDGE PRIORITIZATION		Firm responsibility (prime or sub?) Prime
Project number	Parish	Owner's name	Livingston Parish Government
Project location	Statewide, Louisiana	Owner's Project Manager	Sam Digirolamo
Owner's address, phone, email	20399 Government Boulevard., Livingston, Louisiana 70754 / (225) 686-3062 / sdigirolamo@lagov.com		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost (\$1,000's)	\$137.7
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)	\$137.7

Forte & Tablada produced a Bridge Prioritization Report for the 82 Livingston Parish off-system bridges. Many are aging timber trestles or slab span with timber caps and/or piles, which are experiencing decay and have been repaired, while others will require repair or replacement soon due to their age.

Task 1 - Document Retrieval & Review - Reviewed current conditions in LADOTD Inspection Reports and the most-recent load rating to determine if a new load rating is required based on current conditions.

Task 2 - Bridge Inspection & Inventory Photos - For any bridge with a Condition Factor < 6, performed a detailed inspection to document deficiencies. Otherwise, performed a cursory inspection.

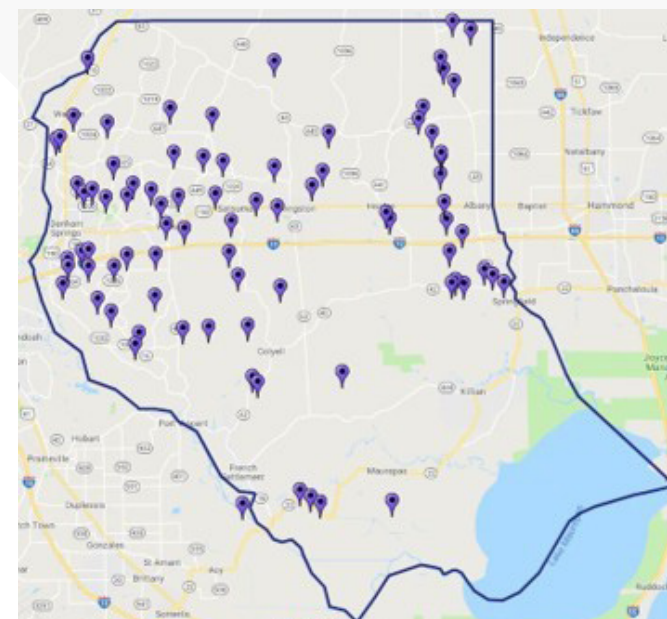
Task 3 - Load Rating & Report (as required)

Task 4 - Bridge Prioritization & Report - Determined the recommended action (repair, replace, or no action required) and estimated cost based on the condition and remaining useful life of the bridge, cost of repair and replacement, and available funding sources.

Prioritized bridges based on several criteria, including:

- ADT, Age, Condition, Posted Load, Detour Considerations
- Inventory Data - Photos, cost estimate, load rating, plans
- Map and Google Earth KLZ - categorized by type
- Prioritization Report - recommended action & cost estimate
- Excel Data Table - priority data for all bridges

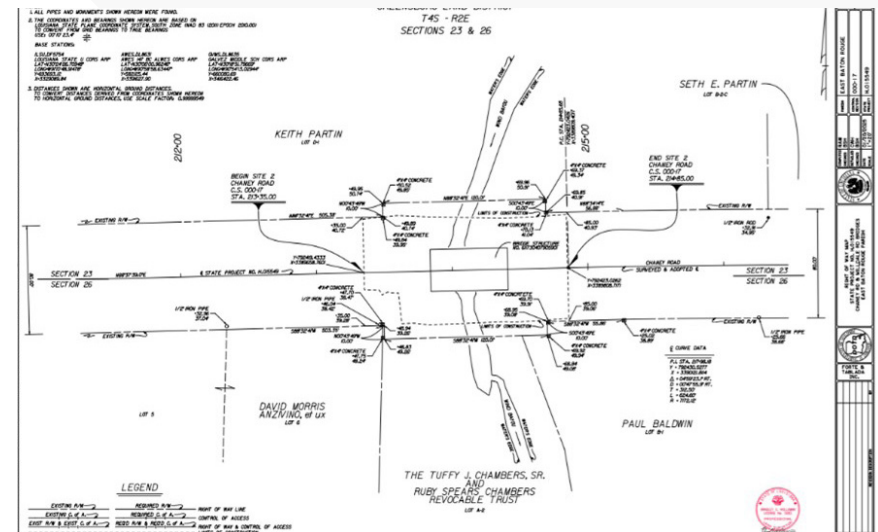
Key Staff: Joffrey Easley

**PROJECT RELEVANCY**

- ✓ Condition assessments and identified deficiencies
- ✓ Prioritization of improvements
- ✓ Recommended preservation, rehabilitation, or replacement actions
- ✓ Cost Estimation

Firm name	Forte & Tablada, Inc.	Discipline(s)	Survey
Project name	IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61		Firm responsibility (prime or sub?) Sub
Project number	H.015547, H.015548, H.015549, H.015341, H.015551, H.015552, H.015545, H.015550, H.015544, H.015553	Owner's name	LaDOTD
Project location	District 61, Louisiana	Owner's Project Manager	Valerie Tourres
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1292 / valerie.tourres@la.gov	
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)	\$1,072

Key Staff: Bradley Holleman



- ✓ Survey Services

17. Firm Experience:				
Firm name	ELOS Environmental, LLC		Discipline(s)	Environmental
Project name	IIJA OFF-SYSTEM BRIDGES, DISTRICT 62			Firm responsibility (prime or sub?) Sub
Project number	H.015429, H.015430, H.015431, H.015432, H.015432, H.015433 and H.015434	Owner's name	LaDOTD	
Project location	Tangipahoa Parish, Louisiana	Owner's Project Manager	Greg Sepeda	
Owner's address, phone, email		10305 Airline Highway, Baton Rouge, Louisiana 70816 / (225) 810-3100 / gsepda@sigmacg.com		
Services commenced by this firm (mm/yy)		09/22	Total consultant contract cost (\$1,000's)	\$129
Services completed by this firm (mm/yy)		Present	Cost of consultant services provided by this firm (\$1,000's)	\$127

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

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

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

Key Staff: Basile Dardar



PROJECT RELEVANCY

✓ Environmental Permitting

17. Firm Experience:				
Firm name	ELOS Environmental, LLC		Discipline(s)	Environmental
Project name	LADOTD RURAL BRIDGES: PHASES 1 & 2		Firm responsibility (prime or sub?)	Sub
Project number	H.015407, H.015333, H.015404.	Owner's name	LaDOTD	
Project location	Statewide, Louisiana (District 3, 5, 7, 8, 58, 61, 62)	Owner's Project Manager	Brian Allen	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1840 / brian.allen@la.gov		
Services commenced by this firm (mm/yy)		08/20	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)		Present	Cost of consultant services provided by this firm (\$1,000's)	\$541

ELOS was contracted to deliver environmental consulting services for two phases of the LaDOTD Rural Bridge Replacement Initiative. Phase 1 covered bridge replacements across 16 state project numbers and supplemental task orders, resulting in the successful replacement or improvement of 33 structures in Districts 03, 07, 61 and 62. Phase 2 is ongoing, encompassing bridge replacements under nine state project numbers and supplemental task orders, targeting upgrades to multiple structures in Districts 05, 08, and 58. Project outcomes include completing wetland delineations, approving permit applications, and successfully completing cultural resource and T&E species surveys. ELOS also contributed in the early planning stages by identifying and addressing potential adverse economic, social, or environmental effects or concerns.

ELOS conducted all environmental services in compliance with FHWA standards, resulting in timely permit approvals and regulatory clearances for the project. Permitting was coordinated with federal and state agencies, including submitting JPAs to the USACE and the LDCE Office of Coastal Management, obtaining Scenic Rivers permits through the USFWS, and completing cultural resource surveys with the Louisiana SHPO, ensuring uninterrupted progress. ELOS analyzed data, authored a Phase 1 report, and administered STP data, supporting project milestones. The team collaborated with agencies such as the SHPO, NRHP, and LaDOTD to finalize LHRI forms, manage the Survey123 platform, supervise field crews, and prepare and submit the final report, facilitating seamless project delivery. ELOS ensured all documentation and procedures were fully aligned with regulatory requirements for cultural resource evaluations, enabling successful project compliance and advancement.

Key Staff: Basile Dardar



PROJECT RELEVANCY

✓ Environmental Permitting

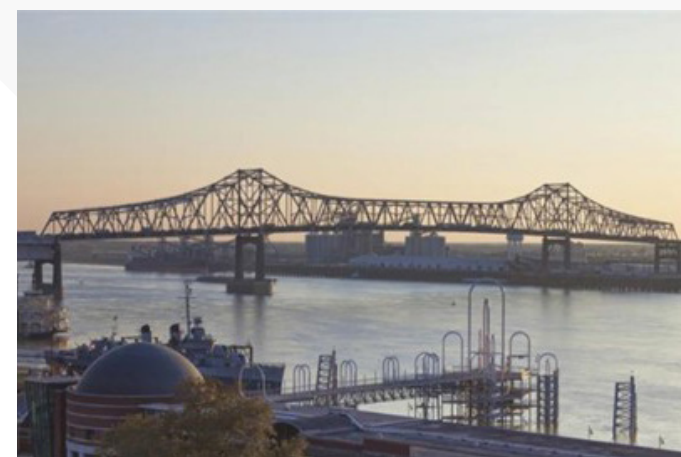
17. Firm Experience:				
Firm name	Ardaman & Associates, Inc.		Discipline(s)	
			Geotech	
Project name	MRB SOUTH GBR: LA 1 TO LA 30 CONNECTOR 113-22-80-3721			Firm responsibility (prime or sub?)
				Prime
Project number	H.013284	Owner's name	LaDOTD	
Project location	West Baton Rouge, Iberville, Ascension and East Baton Rouge Parishes, Louisiana	Owner's Project Manager	Christina Brignac	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1937 / chrstina.brignac@la.gov			
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost (\$1,000's)	\$6,000	
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)	\$713.10	

The project consists of an enhanced planning investigation into SP NO. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings. There are three proposed alignments for this project connecting LA 1 on the west side of the Mississippi River to LA 30 on the east. The three alignments range from approximately seven miles to eight miles in length including interchanges at either end.

For this preliminary phase of work, Ardaman & Associates performed 18 soil borings, and 23 electronic cone penetration tests (ECPTs) distributed among the three alternative alignments. Six soil borings to a maximum exploration depth of 250 feet below existing ground surface (bgs) were performed in the Mississippi River batture area targeting the proposed bridge foundations on either side of the Mississippi River for each alternative. The remaining 12 soil borings performed to a maximum exploration depth of 150 feet were located along each of the alignments for the high-level approaches and low-level interchanges on either side of the Mississippi River. The ECPTs were performed to maximum exploration depths ranging from 42 feet to 150 feet and were located along the three proposed alignments to supplement the soil borings. Additionally, a total of 31 electrical resistivity geophysical survey transects were completed to allow for a survey of the stratigraphy between soil investigation locations.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.

Key Staff: Robert Jewell



PROJECT RELEVANCY

✓ Subsurface Investigations

17. Firm Experience:

Firm name	Ardaman & Associates, Inc.		Discipline(s)		Geotech	
Project name	I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR)			Firm responsibility (prime or sub?)		Sub
Project number	H.004100.5		Owner's name	LaDOTD		
Project location	East Baton Rouge, Louisiana		Owner's Project Manager	Nicholas Olivier		
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1133 / nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)		03/21	Total consultant contract cost (\$1,000's)			\$20,800
Services completed by this firm (mm/yy)		Present	Cost of consultant services provided by this firm (\$1,000's)			\$692

The Construction Management at Risk (CMAR) project scope consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 mile. Ardaman & Associates is the Geotechnical Consultant on the CMAR team and is currently providing geotechnical support for Segment 1, which starts near the I-10 and I-110 split between Napoleon and St. Joseph Streets to Acadian Thruway entrance and exit ramps.

Ardaman & Associates previously completed 58 soil borings and associated laboratory testing based on LaDOTD standards, and 11 electronic cone penetration tests (ECPT) in the preliminary portion of the widening project between Napoleon Street and Louise Street under our current retainer contract in support of the project. In addition, Ardaman & Associates performed geophysical surveys along the entire alignment, which allowed for survey of the subsurface conditions between the boring locations. Ardaman & Associates is currently performing 37 additional soil borings along the Segment 1 area to supplement existing data along the alignment.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by LaDOTD and the additional borings that are currently being performed. The engineering analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, soil-structure interaction with existing structures, deep foundation design, and load testing recommendations. A preliminary geotechnical assessment report was prepared, and a final geotechnical design report will be submitted.

Key Staff: Robert Jewell

**PROJECT RELEVANCY**

✓ Subsurface Investigations



SECTION

18

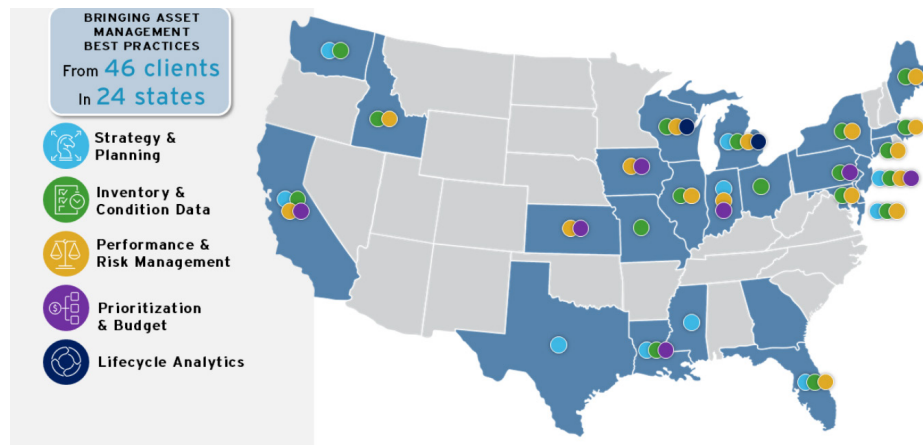
Approach and
Methodology

18. Approach and Methodology:

THE HNTB TEAM

The HNTB team offers unmatched in LaDOTD bridge maintenance delivery and bridge inspection. Through LaDOTD Bridge Preservation IDIQ contracts, HNTB has completed 83 bridge-related task orders since 2011, including rehabilitations, emergency repairs, load ratings, inspections, plan development and construction support, plus 38 major bridge inspection task orders through the LaDOTD Complex Bridge Inspection retainer. This experience gives our team direct knowledge of LaDOTD's bridge assets, recurring deterioration issues and the repair strategies that are practical, effective and deliverable in Louisiana.

Nationally, HNTB helps agencies use asset data, lifecycle analysis, deterioration modeling, prioritization tools and cost forecasting to make better bridge investment decisions. Our work for the **Tampa Hillsborough Expressway Authority** and **New Jersey Turnpike Authority** demonstrates our ability to organize large infrastructure datasets, calibrate performance models, and turn asset information into defensible maintenance strategies, prioritized programs and implementable projects. Combined with our Louisiana program management experience, this gives LaDOTD a team that can do more than prepare a plan; we can build an asset management program that is data-driven, grounded in local conditions and structured to move efficiently into delivery.



Our team pairs national asset management leadership with Louisiana-specific bridge experience. HNTB's national experts **Chad Allen, PE** and **Summer Maison** will lead the structure asset plan development, bringing the proven experience needed to help LaDOTD build a successful program and avoid the missteps that often come with a first-time approach. They will be guided by Louisiana bridge engineers **Josh Porter, PE**; **Patrick Roth, PE**; **Patrick Duffy, PE**; **Chace Hulon, PE** and **Joffrey Easley, PE** who understand LaDOTD's assets, recurring deterioration issues, and the repair strategies that are practical, effective, and deliverable in Louisiana. This approach will produce a Structure Asset Management Plan built specifically for LaDOTD—one that reflects both national best practices and the real conditions, priorities, and delivery realities of Louisiana's bridge system.

Structure preservation project development will be lead by **Mark Elkassouf, PE** who has a thorough understanding of LaDOTD project delivery and is supported by a multidiscipline team with the breadth to execute all projects generated in this plan and depth to staff multiple task orders at once. Our subconsultants strengthen that approach through expertise and long-standing relationships with both LaDOTD and HNTB, allowing the team to work together seamlessly from the outset.

Team Member	Responsibilities & Experience
HNTB	Responsibilities: Structure Asset Management Plan Development, Structure Project Development, Post-Design Construction Services, and Contract Management, District Coordination Experience: National and Louisiana asset management experience. Bridge preservation design and maintenance experience with LaDOTD.
Ardaman & Associates	Responsibilities: Subsurface Investigation Experience: LaDOTD experience in this field and teaming partner with HNTB on our Bridge Preservation IDIQ
ELOS Environmental	Responsibilities: Environmental Permitting Experience: LaDOTD experience in this field and teaming partner with HNTB on our Bridge Preservation IDIQ
Forte & Tablada	Responsibilities: Structure Asset Management Plan Development, Survey, and Engineering Analysis and Design, District Coordination Experience: LaDOTD experience in this field, parish level asset management experience, and teaming partner with HNTB on our Bridge Preservation IDIQ
Moffatt & Nichol	Responsibilities: Structure Asset Management Plan Development, District Coordination Experience: LaDOTD experience in bridge maintenance on HNTB's Complex Bridge Inspection IDIQ and national asset management experience

PROJECT UNDERSTANDING

The Challenge. Louisiana maintains one of the largest bridge inventories in the United States, ranking fourth in total bridge deck area despite having only the 25th highest highway mileage and population. That imbalance places a significant burden on LaDOTD, especially the Bridge Maintenance Division, which must preserve a disproportionately large inventory with limited funding, staff time, and delivery capacity. Historically, funding has often favored replacement over proactive maintenance, allowing needs to accumulate, accelerating deterioration and driving assets toward more costly rehabilitation or replacement.

The Need for a Different Approach. HNTB will help LaDOTD maximize bridge maintenance funding by utilizing the processes, technology and experience used in other states to proactively analyze

and monitor asset information it already collects. Historical performance data shows that deferred maintenance compounds over time and can trigger accelerated deterioration once assets reach critical thresholds. HNTB will use InspectX data and other inspection records to define deterioration curves by structure type, age, and condition history so LaDOTD can intervene at the right time, slow deterioration, and extend service life. Our goal is to shift bridge maintenance from reactive, problem-based decision-making and structure-by-structure responses to a proactive, performance-based bridge preservation program that plans five to ten years and beyond in advance.

GOAL: Shift bridge maintenance from reactive project-by-project decisions to a proactive performance-based program.

How This IDIQ Supports the Solution. This IDIQ allows HNTB to do more than prepare a plan. We will build a structure asset management plan that identifies preservation, rehabilitation, and replacement strategies based on condition, risk, performance trends and funding, then use that framework to advance selected needs into project development, final design, and post-design construction support. Through HNTB's long standing history of working with LaDOTD in both Bridge Preservation and Bridge Maintenance, we understand how to connect system-level analysis to projects that can move through LaDOTD delivery.

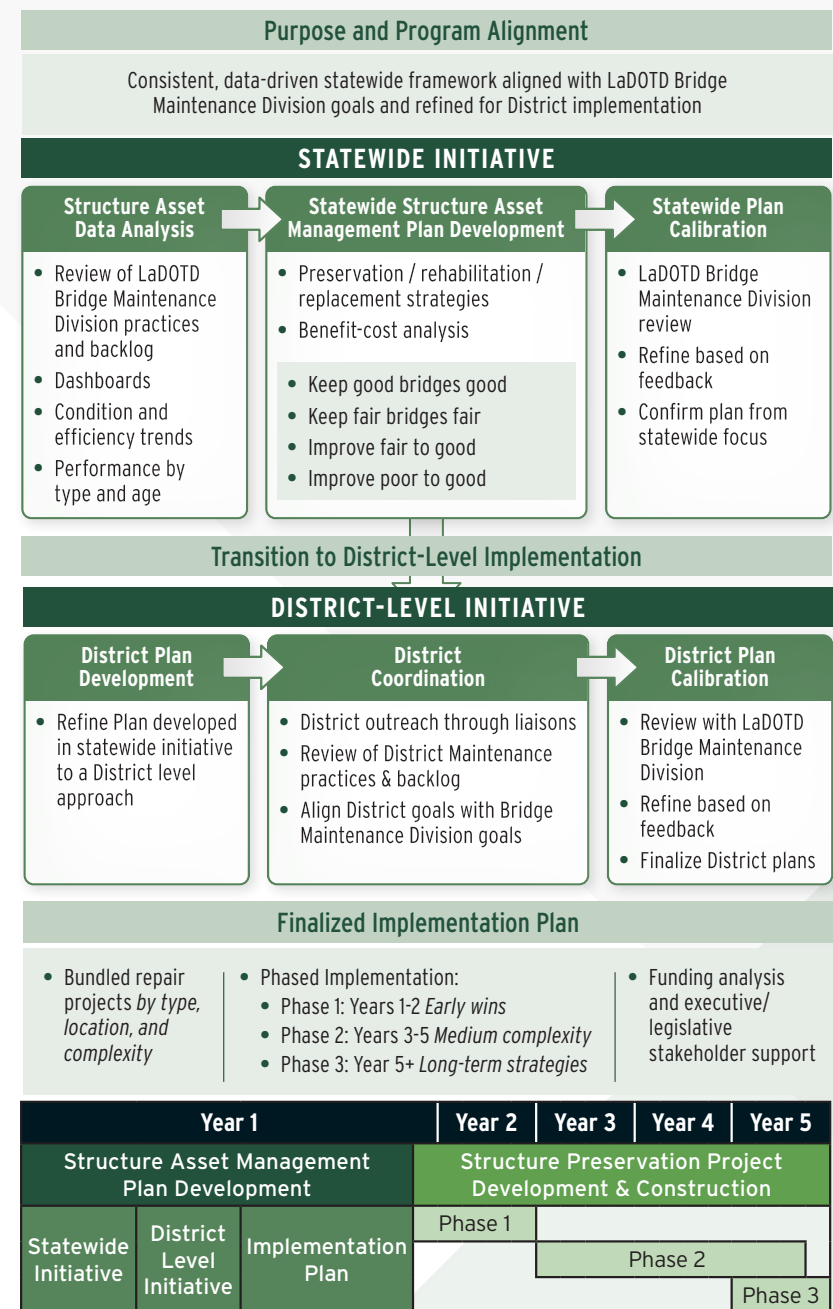
Statewide Structure Asset Management Framework. HNTB will begin the structure asset management plan as a statewide initiative aligned with LaDOTD Bridge Maintenance Division's. As part of this effort, we will meet with the Bridge Maintenance Division to understand statewide maintenance priorities, policy direction, funding considerations, and the broader maintenance challenges and backlog affecting the bridge program. HNTB will gather and review InspectX and related asset data, then build dashboards and analytical tools that show condition-state trends, efficiency trends, and performance by structure type and age. Using that analysis, we will identify deterioration patterns, define repair opportunities before accelerated decline occurs, and develop preservation, rehabilitation, or replacement strategies that maximize funding. We will guide this framework with four objectives, in order of priority:

1. Keep good-condition bridges good.
2. Keep fair-condition bridges fair.
3. Improve fair-condition bridges to good.
4. Improve poor-condition bridges to fair.

After developing the statewide framework, HNTB will calibrate it with LaDOTD Bridge Maintenance Division so strategies, prioritization logic and funding assumptions align with agency goals.

Calibration and District-Level Implementation. Following the statewide initiative, we will begin tailoring our plan to a District level approach. This will begin by meeting with District Maintenance groups to understand current maintenance challenges, existing backlog, local maintenance practices, bridge conditions, and project delivery constraints within each District. That input will be used to develop District-specific plans that carry statewide priorities into local implementation while addressing District maintenance initiatives and field conditions without losing systemwide consistency. A final calibration step with Bridge Maintenance Division and District staff will confirm that recommendations are both statewide in approach and practical for local use.

Structure Asset Management Plan Development Sequence & Schedule



Implementation Roadmap. HNTB will deliver a final structure asset management plan that gives LaDOTD a practical path from analysis to construction. We will bundle repair projects by type, location, and complexity so preservation work can be advanced and packaged efficiently. Early implementation will focus on lower-complexity projects with short construction durations and immediate preservation value, followed by medium-complexity projects with strong benefit-cost performance and longer-term strategies for more complex needs. The plan will also include funding analysis and identification as well as stakeholder strategies to keep bridge maintenance visible as a strategic statewide investment.

STRUCTURE ASSET MANAGEMENT PLAN DEVELOPMENT

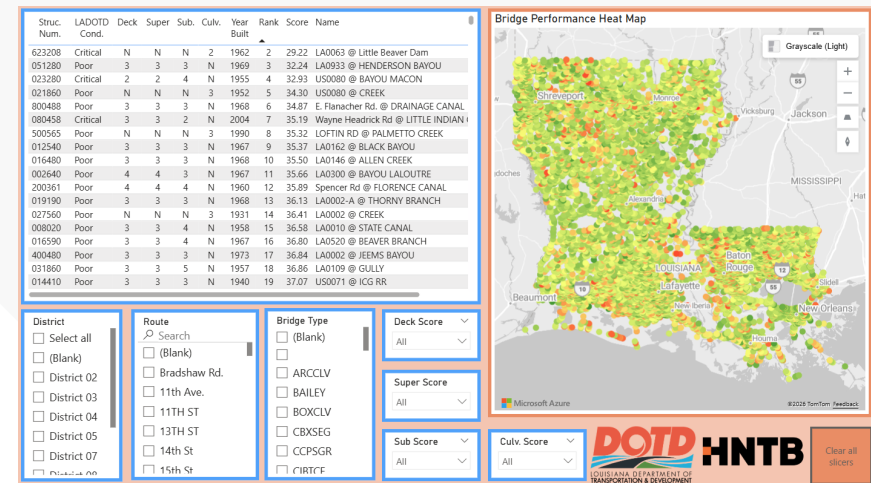
Current program review and baseline assessment. HNTB will start with a focused review of LaDOTD's current Bridge Maintenance program to establish a practical baseline for the structure asset management plan. We will evaluate funding, resource allocation, work types, decision-making practices, recurring issues, and constraints affecting efficiency or long-term performance so the plan reflects how the program operates today and where it can be strengthened.

Data-driven review. HNTB will conduct a structured review of bridge inventory information, inspection reports, prior repair records, maintenance history, as-built plans, load ratings, hydraulic information and other records provided by LaDOTD. From that review, we will identify condition drivers, deterioration mechanisms, prior interventions, missing information and where field validation is needed before recommendations are finalized. HNTB will organize assets by condition, deficiency type, deterioration trend, repair type, geography, traffic impact, constructability, cost and lifecycle benefit.

AI-enabled data analysis, District grouping and prioritization. HNTB will utilize AI-assisted review methods and Power BI tools that reveal statewide and District-level patterns in structure type, condition, recurring deficiencies, repair history, and preservation opportunity. This will help LaDOTD move beyond one-bridge-at-a-time decisions toward a more proactive preservation program.

This analysis will group common structure types and details across Districts so LaDOTD can identify where similar bridges are experiencing similar problems. HNTB will coordinate with District staff to confirm common problem assets, understand local maintenance concerns, and distinguish isolated deficiencies from broader trends that may justify programmatic repair strategies. The dashboard will display key performance indicators that allow the HNTB team and LaDOTD to easily communicate the progress and effectiveness of the program. The dashboard will allow anyone to see planned construction projects, completed construction projects, and the change in bridge condition states over the life of the program.

To support District implementation, HNTB, Moffatt & Nichol and Forte & Tablada will provide three regional liaisons covering North, Southwest, and Southeast Louisiana. These liaisons will work directly with District staff to validate findings, understand local maintenance practices, identify emerging needs, and shape recommendations that reflect field conditions. Since this same team will also support project development and construction-related services, LaDOTD will benefit from continuity from analysis through construction.



Common problems will then be organized into repair priority groups that support practical investment decisions:

- Easy / inexpensive repair types that can be advanced quickly, grouped efficiently, and used to extend service life before deterioration becomes more costly.
- Medium-complexity repairs that require engineering evaluation, limited plan development, MOT, environmental screening, or District coordination before implementation.
- Full rehabilitation candidates that may exceed the intended maintenance scope but should be identified for future programming, funding discussions, or separate project development.

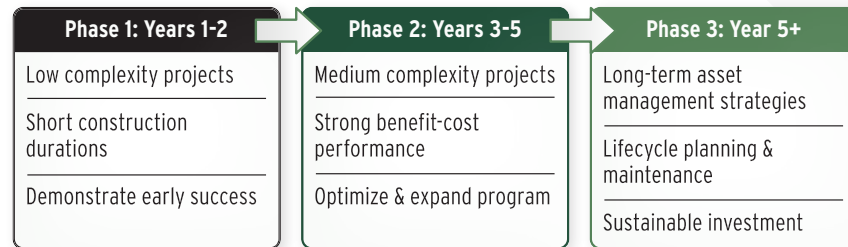
HNTB will use this process to identify repair actions that deliver the best return on investment by extending service life, reducing recurring maintenance, and preserving more assets within available funding. The result will be District-specific asset management plans defining common bridge types, recurring problem assets, repair priorities, planning-level costs and clear next steps for project development.

HNTB will work with LaDOTD to determine which repairs should advance into projects based on funding, District priorities, constructability, and expected return on investment. The final implementation plan will focus on these actions:

- Bundle repair projects by type, location, and complexity so contractors can perform work more efficiently and LaDOTD can gain better pricing through scale.
- Phase implementation so early task orders focus on lower-complexity projects that demonstrate immediate preservation value, followed by medium-complexity projects and longer-term strategies for more complex needs.
- Review current maintenance funding and identify opportunities to better align available dollars with preservation priorities.
- Support stakeholder messaging that shows bridge maintenance funding is being used strategically and delivering measurable preservation value.

Phased Implementation Roadmap

Advancing bridge preservation projects from early wins to long-term asset management



Outcome: A road map that builds momentum, delivers measurable preservation value, and supports long-term bridge performance.

STRUCTURE PRESERVATION PROJECT DEVELOPMENT

HNTB will use the Structure Asset Management Plan to convert prioritized preservation needs into complete preconstruction packages that can move efficiently into construction. The same team helping LaDOTD identify the right preservation actions will also package and advance them through project development. That continuity, combined with extensive bridge preservation experience for LaDOTD, allows us to frame task orders around the right repair strategy, project limits, and level of design effort from the outset.

Once candidate projects are identified, HNTB will work with LaDOTD and District staff to confirm scope, bundling strategy, delivery priorities, and constraints that could affect schedule or constructability. Our process is scalable, allowing lower-complexity repairs to advance quickly while giving more complex repairs the engineering and coordination needed for successful procurement and construction.

HNTB will prepare repair plans in accordance with Bridge Design & Evaluation Manual (BDEM) and Standard Specifications and scale each package to the complexity of the work. By bundling repair projects of similar size and scope, we will create efficiencies in plan production and typical repair details that can be used in multiple projects. The plans will be technically sound, practical to construct, and easy for contractors to price and execute. Internal quality reviews will confirm accuracy, constructability, and completeness before packages move forward.

Constructible repair plan development. HNTB will prepare repair plans in accordance with BDEM guidelines and scale each package to the complexity of the work. Because our team has repeatedly delivered bridge repair packages for LaDOTD, we focus on plans that are technically sound, practical to construct, and easy for contractors to price and execute. Internal quality reviews will confirm accuracy, constructability, and completeness before packages move forward.

Early identification of ancillary services. HNTB will identify required ancillary services early and initiate them before they become schedule risks. For each task order, we will determine needs such as survey, subsurface investigations, utility coordination, environmental permitting, maintenance of traffic, and phasing support, then integrate those services into project development from the outset to avoid late-stage redesign and procurement delays.

Stakeholder and implementation coordination. When preservation work affects traffic operations, adjacent properties, local agencies, or other stakeholders, HNTB will support LaDOTD with project-specific coordination strategies that clarify purpose, impacts, traffic considerations, and schedule. Addressing these issues during project development helps reduce avoidable disruption and positions projects for smoother construction.

Procurement-ready contact package development. HNTB will assemble the specifications, estimates, and contract language needed to move preservation projects into procurement with confidence. We will rely on Louisiana Standard Specifications for Roads and Bridges whenever feasible and prepare special provisions only where project conditions require added direction. The result will be contract packages that are clear, market-aligned, and ready for field execution.

Work Order and Construction Authorization Support. HNTB will support LaDOTD through work order issuance, contractor proposal review, and Notice to Proceed activities so the intent of each preservation package carries cleanly into construction. We will help confirm alignment on scope, staging, and pricing so LaDOTD can move efficiently from package completion to authorized field work with fewer startup issues.

Post-design construction support and program feedback. HNTB will remain engaged after design and utilize the same regional liaisons, so LaDOTD benefits from engineering continuity during construction. Bridge repair work often reveals field conditions that differ from inspection assumptions, and our team is prepared to provide responsive construction-phase support and practical issue resolution as conditions evolve. We will also feed lessons learned from construction and post-repair performance back into future preservation packages and the broader asset management program. Under this contract, post-design construction support may include the following:

- Construction-related engineering support, including responses to RFIs, review of submittals and shop drawings, field coordination during critical repair activities, and evaluation of contractor-proposed alternatives when needed.
- Post-repair review of completed work to verify that repairs addressed the intended deficiencies and achieved the expected preservation outcome.
- Updates to structure records, condition information, and asset management data so completed work informs dashboards, performance tracking, and future prioritization decisions.



SECTION

19

Workload

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**
HNTB Corporation^	Bridge	44-24189; H.010319.5	Task Order 1- I-110 North St Plank Rd	\$533,854
		44-24189; H.12899.6	Task Order 2- I-20 Rehab CRES	\$61,619
		44-24189; H.012622.5	Task Order 5- I-12: Hog Branch Bridge Replacement	\$2,098
		44-24189; H.002337.5	Task Order 6 - Bayou Fountain	\$1,409
		44-24189; H.015935.6	Task Order 7 - Bayou Bienvenue CRES	\$26,104
		44-24189; H.014059.5	Task Order 8 - US 80 Bridges over Minden	\$214,804
		44-24189; H.015911	Task Order 9 - Grover Jones Rd over Williams Creek	\$125,770
		44-24189; H.016276	Task Order 10 - Sidney Leblanc Rd over Coulee	\$131,710
		44-24189; H.015004.5	Task Order 11- EB Ramp OV LA 3152 NB Repair	\$9,102
		44-24189; H.012083.6	Task Order 13- Calcasieu Bridge Repairs CRES	\$130,626
		44-24189; H.016475.5	Task Order 14- US90: GNO No. 2 Bridge Repair	\$160,711
		44-24189; H.016481.5	Task Order 15- LA124: Larto Lake Bridge and Grade Raising	\$101,240
		44-24189; H.016417.5	Task Order 16- I-12: Median Barrier Retrofit	\$149,037
		44-24189; H.014591.5	Task Order 17- I-12 US 61 Bridges Girder Repairs	\$197,518
		44-25029	IIJA Off-System Bridge Program	\$14,368
		44-23512; H.009730.5	Task Order 3 - BIM Updates and Load Rating	\$135,287
		44-23512; H.009730.5	Task Order 9 - GNO #2, I-10 Calcasieu Inspection	\$44,893
		44-4900; H.008145.6	LA 1 Phase 2	\$137,427
		44-21594; H.009859.5	2020 Complex Bridge Rating Services	\$33,619
		44-21594; H.009859.5	On-System Bridges Rating and Evaluation	\$8,592
		44-28432; H.015569.5	LA 44 I-10 Roundabout	\$13,645
		44-29683; H.009730.5	TO#1 - Audubon, GNO1, GNO2, and Vicksburg inspection	\$1,908,815
		44-29195; H.016246.5	LA324 Over Bayou Teche	\$287,288
	CE&I/OV	44-29195; H.016494.6	Bridge Bundle OV	\$732,624
		44-27349; H.003931.6	Calcasieu River Bridge OV	\$28,548,996

^Note. The individuals shown in the organization chart were selected based on relevant expertise and availability to support LaDOTD's Bridge Maintenance Division under this contract. HNTB's Calcasieu River Bridge OV project is staffed by a separate full-time team; those personnel are not shown in his organization chart and are not part of the proposed team for this contract.

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**
HNTB Corporation (Continued)	Environmental	44-26365; H.015223	BR to NO Passenger Rail Corridor Environmental Study	\$182,450
	Geotech	44-4900; H.008145.6	LA 1 Phase 2	\$4,048,999
	ITS	44-25921; H.015938.1	TSMO Strategic Plan	\$23,310
		44-23074; H.010960	LA 30 Roundabout @ Tanger Mall	\$12,744
	Other (Hydraulics)	44-24189; H.010319.5	Task Order 1- I-110 North St Plank Rd	\$354,294
		44-24189; H.010251.1	Task Order 3- Chippewa PH2	\$55,363
		44-29195; H.016246.5	LA324 Over Bayou Teche	\$107,124
	Other (Railroad)	44-27876; H.15223.1	Intercity Rail Program	\$3,984,180
		44-27876; H.15223.1	SAI- CID Step 1	\$127,020
	Other (Tolling)	44-23640; H.015135.6	Task Order No. 3 - LA1 Facility Implementation	\$29,296
		44-23640; H.015135.6	Task Order No. 6 - Toll Services	\$1,825,199
		44-23640; H.015135.6	Task Order No. 11	\$399,212
	Other (Weigh Stations)	44-23812; H.015377.1	Task Order 2	\$907,180
		44-23812; H.015377.1	Task Order 3	\$97,724
		44-23812; H.015377.1	Task Order 4	\$876,625
	Planning	44-21094	Update Statewide Transportation Plan	\$468,443
		44-21094	I-12 Corridor Masterplan	\$1,025,465
	Road	44-24189; H.010319.5	Task Order 1- I-110 North St Plank Rd	\$568,846
		44-24189; H.015935.6	Task Order 7 - Bayou Bienvenue CRES	\$4,606
		44-24189; H.014059.5	Task Order 8 - US 80 Bridges over Minden	\$71,601
		44-24189; H.015911	Task Order 9 - Grover Jones Rd over Williams Creek	\$83,168
		44-24189; H.016276	Task Order 10 - Sidney Leblanc Rd over Coulee	\$69,870
		44-24189; H.016481.5	Task Order 15- LA124: Larto Lake Bridge and Grade Raising	\$151,860
		44-24189; H.016417.5	Task Order 16- I-12: Median Barrier Retrofit	\$74,519

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**
HNTB Corporation (Continued)	Road	44-25029	IIJA Off-System Bridge Program	\$57,473
		44-4900; H.008145.6	LA 1 Phase 2	\$55,140
		44-28432; H.015569.5	LA 44 I-10 Roundabout	\$77,327
		44-29195; H.016246.6	LA324 Over Bayou Teche	\$92,516
	Traffic	44-24189; H.015526.5	Task Order 12- Chippewa St. Pump Sta. Ph. 1	\$17
Ardaman & Associates, Inc.	Geotech	44-4128; H.004273	I-49 Connector, Lafayette	\$740,206
	Geotech	44-18899; H.004791	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$45,666
	Geotech	44-19013; H.004100.5 & .6	I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12	\$925,025
	Geotech	H.004435	I-12 to Bush Construction Phase	\$39,040
	Geotech	44-8671; H.009266	I-10 Widening: LA 73 to LA 30	\$46,811
	Geotech	44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	\$3,979
	Geotech	44-6189; H.004647.6	I-20 Mississippi River Bridge at Vicksburg	\$1,270,473
	Geotech	44-25025; H.015452, H.015453, H.015456, H.015458	IIJA	\$19,887
	Geotech	44-21519; H.012030.5	KCS RR Overpasses US 371	\$39,877
	Geotech	44-21887; H.012542, H.012453, H.012047	Replacement of 15 Bridges	\$240,616
	Geotech	44-6189; H.016313.5, H.016314.5	Culvert Replacements	\$3,371
	Geotech	H.015430	IIJA	\$3,192
	Geotech	H.001798	LA 531: Bridges Near Dubberly	\$12,533
	Geotech	H.016094	US 371: Brushy Creek Bridge	\$36,357
	Geotech	H.016204	Benton Sidewalks & RR Crossing	\$8,550

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**
ELOS Environmental, LLC	Environmental	44-0019337 / H.014245	LA-119 Bayou Pierre and Creek Bridges	\$15
	Environmental	44-0019337 / H.014247	LA-399 Creeks, Little 6 Mile Creek, Flat Branch	\$26
	Environmental	44-0019337 / H.014248	LA-124 Creeks, Broke Leg Bayou, Boggy Bayou	\$123
	Environmental	44-0019337 / H.014248.5	LA-124 On site Detours - Supplemental Task Order	\$238
	Environmental	44-0027734 / H.014362	Lake Road in St. Tammany Parish	\$22,433
	Environmental	44-0025041 / H.015430	Hood Rd, Middle Colyell Creek - IIJA Off-System Bridges District 62	\$53
	Environmental	44-0025041 / H.015431	Sawmill Rd, Unnamed Creek - IIJA Off-System Bridges District 62	\$17
	Environmental	44-0021326 / H010074.1	DOTD Stage 0 IDIQ-LA 3089 Serve Rd/LA 70 Up	\$2,760
	Environmental	44-00024189/H.015911	Grover Jones over Williams Creek	\$196
	Environmental	44-00024189/H.016276.5	Sidney Lablanc Road over Coulee	\$452
	Environmental	44-00024189/H.014059	US 80: Bridges Near Minden	\$2,764
	Environmental	44-00031920/H.008069.5	Peters Road Bridge and Extension	\$4,115
	Environmental	44-0025041 / H.015432	M. Williams over Spring Creek	\$25
	Environmental	44-0025041 / H.015433	George Jenkins Road Over Berry's Creek	\$154
	Environmental	44-0025041 / H.015434	Mitch Road Over Peters Creek	\$90
Forte & Tablada, Inc.	Survey	4400021594/H.011965.6	Task Order No. 2 - IWGO Bridge Rehabilitation (Drone Flyover)	\$47,688
	Bridge	4400021594/H.009859.5	Task Order No. 6 - Load Rate Selected Statewide Bridges	\$868,594
	Bridge	4400021594/H.009730.5	Task Order No. 8 - In-Depth Bridge Inspections	\$110,464
	Bridge	4400021594/H.015546.6	Task Order No. 9 - Caplis Sligo Road Over Red Chute Bayou	\$5,244
	Bridge	4400021594/H.009859.5	Task Order No. 10 - Statewide Bridge Rating	\$862,237
	Bridge	4400023921/H.015519.6	Task Order No. 5 - Smith Road over Red Chute Bayou	\$9,024

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**
Forte & Tablada, Inc. (Continued)	Bridge	4400024589/H.014990.5	OSBR S. Tiger Bend Rd & East Achord Rd Bridges	\$41,837
	Bridge	4400013387/H.013137.5	OSBR Ouachita	\$23,249
	Bridge	4400019864/H.014318.5	OSBR Gurney Road Bridges	\$4,708
	Bridge	4400025037/H.014994.5	OSBR Bonne Idee Rd over Bonne Bayou	\$3,487
	Bridge	4400024586/H.014981.5	OSBR Hosston River Road	\$5,689
	Road	4400024641/H.005734.5	LA 447 Corridor	\$300,449
	CE&I/OV	4400023837/H.013714.6	Valhi Blvd Shared-Use Path (Houma)	\$65,411
	Survey	4400021532/H.010116.5	LA 1088: Soult & Trinity Roundabouts	\$22,187
	Survey	4400021532/H.012059.5	LA 19: Bridges near Zachary	\$19,490
	Survey	4400021532/H.013195.5	LA 98 Curve Realignment	\$6,464
	Survey	4400021532/H.005734.5	LA 447 Corridor Study	\$109,275
	Survey	4400021532/H.012563.5	LA 73: Bayou Manchac Bridge (HBI)	\$461
	Survey	4400027919/H.015587.5	LA 3211 @ Yokley Rd Roundabout	\$7,031
	Survey	4400021532/H.004100.5	I-10: LA 415 to Essen on I-10 & I-12	\$102,019
	Survey	4400031906/H.004791.6	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$174,018
	Survey	4400030630/H.015724.5	Kings Hwy: Healthcare & Dev Corridor	\$42,039
	Survey	4400025029/H.015341	D61(EBR) IJJA Off-System Bridge	\$53,978
	Survey	4400025029/H.015341	D61(EBR) IJJA Off-System Bridge - SA 3	\$9,113
	Survey	H.004100	I-10 Capital Corridor	\$4,240
	Survey	4400004128/H.004273.5	I-49 Connector Additional ROW	\$6,692
	Survey	4400031228/H.015469.5	Shreveport Pavement Program	\$44,235

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**
Moffat & Nichol, Inc.	Bridge	44-29207 / H.009730.5	IDIQ Contract for Underwater Bridge Inspection - T01, Statewide (240826/01)	\$2,050,359
	Other (Sign Trusses & Radio)	44-31911 / H.011331.1	IDIQ Contract for Inventory and Inspection of Sign Trusses and Radio Towers - T01 (242073/01)	\$1,821,804
	Bridge	44-29683	IDIQ In-Depth Bridge Inspection Statewide (241360)	\$657,160



SECTION

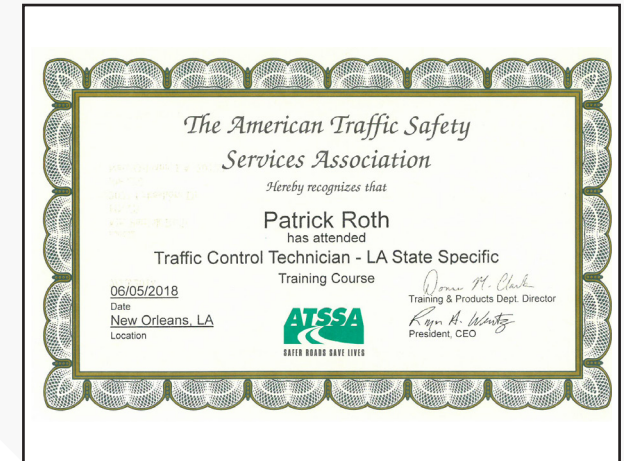
20

Certifications/Licenses

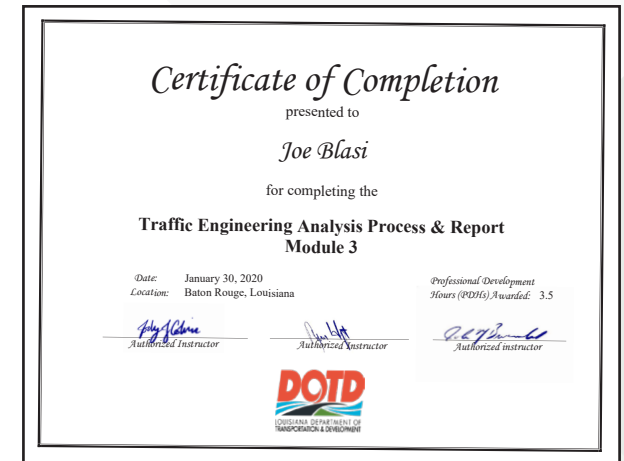
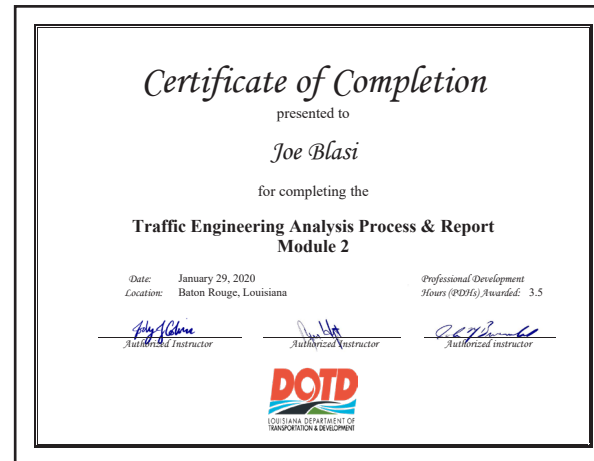
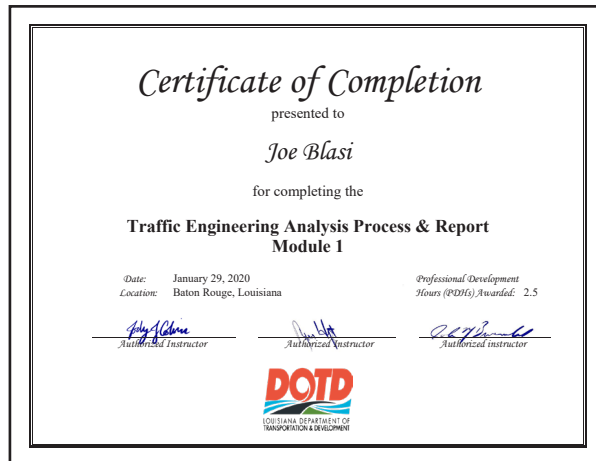
20. Certifications/Licenses:

Certifications and Licenses - HNTB Corporation

Patrick Roth, PE



Joe Blasi, PE



20. Certifications/Licenses:

Additional Certifications and Licenses - ELOS Environmental, LLC

Basile Dardar

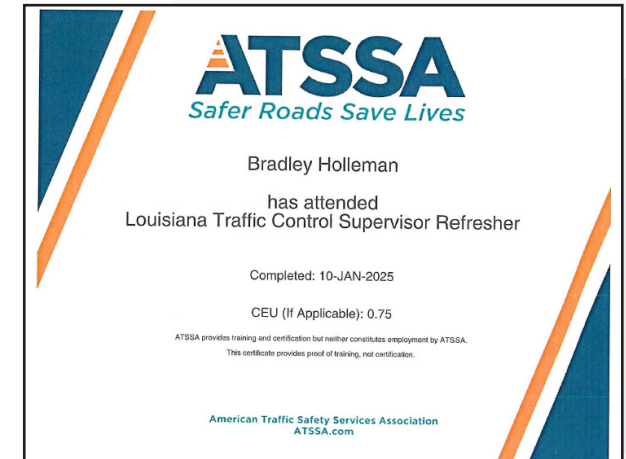


Additional Certifications and Licenses - Forte & Tablada, Inc.

Joffrey Easley, PE



Bradley Holleman, PLS, PE



20. Certifications/Licenses:

Screenshots from Louisiana Secretary of State (SOS)

HNTB Corporation



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OF STATE**
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Name	Type	City	Status
HNTB CORPORATION	Business Corporation (Non-Louisiana)	DOVER	Active

Previous Names

Business:

HNTB CORPORATION

Charter Number:

34422713F

Registration Date:

12/23/1992

Domicile Address

615 S DUPONT HWY
DOVER, DE 19901

Mailing Address

P.O. BOX 412197
KANSAS CITY, MO 64141

Principal Business Office

1111 MAIN STREET, SUITE 2500
KANSAS CITY, MO 64106

Registered Office in Louisiana

4459B BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Principal Business Establishment in Louisiana

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LA 70801

Status

Status:

Active

Annual Report Status:

In Good Standing

Qualified:

12/23/1992

Last Report Filed:

12/2/2025

20. Certifications/Licenses:

Ardaman & Associates, Inc.



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Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names

Business: ARDAMAN & ASSOCIATES, INC.

Charter Number: 34396031F

Registration Date: 12/13/1991

Domicile Address

8008 SOUTH ORANGE AVENUE

ORLANDO, FL 32809

Mailing Address

3475 E. FOOTHILL BLVD.

PASADENA, CA 91107

Principal Business Office

8008 SOUTH ORANGE AVENUE

ORLANDO, FL 32809

Registered Office in Louisiana

3367 PLAZA TOWER DR.

BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

316 HIGHLANDIA DR.

BATON ROUGE, LA 70816

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 12/13/1991

Last Report Filed: 11/13/2025

Forte & Tablada, Inc.



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Name	Type	City	Status
FORTE AND TABLADA, INC.	Business Corporation	BATON ROUGE	Active

Previous Names

Business: FORTE AND TABLADA, INC.

Charter Number: 25306090D

Registration Date: 2/8/1961

Domicile Address

9107 INTERLINE AVE.

BATON ROUGE, LA 70809

Mailing Address

9107 INTERLINE AVE.

BATON ROUGE, LA 70809

Principal Office Address

9107 INTERLINE AVE.

BATON ROUGE, LA 70809

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 2/8/1961

Last Report Filed: 1/12/2026

Type: Business Corporation

Registered Agent(s)

Agent: JUSTIN T. MANNINO

Address 1: TAYLOR, PORTER, BROOKS & PHILLIPS, L.L.P.

ELOS Environmental, LLC



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Name	Type	City	Status
ELOS ENVIRONMENTAL, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names

Business: ELOS ENVIRONMENTAL, LLC

Charter Number: 45643772Q

Registration Date: 10/19/2023

Domicile Address

1209 ORANGE STREET

WILMINGTON, DE 19801

Mailing Address

607 W MORRIS AVE

HAMMOND, LA 70403

Principal Business Office

607 W MORRIS AVE

HAMMOND, LA 70403

Registered Office in Louisiana

3867 PLAZA TOWER DR.

BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

607 W MORRIS AVE

HAMMOND, LA 70403

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 10/19/2023

Last Report Filed: 9/19/2025

Moffatt & Nichol, Inc.



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Name	Type	City	Status
MOFFATT & NICHOL, INC.	Business Corporation (Non-Louisiana)	LONG BEACH	Active

Previous Names

Business: MOFFATT & NICHOL, INC. (Changed: 11/17/2003)

Charter Number: 34527896F

Registration Date: 5/23/1996

Domicile Address

4225 E. CONANT STREET, SUITE 101

LONG BEACH, CA 90808

Mailing Address

4225 E. CONANT STREET, SUITE 101

LONG BEACH, CA 90808

Principal Business Office

4225 E. CONANT STREET, SUITE 101

LONG BEACH, CA 90808

Registered Office in Louisiana

3867 PLAZA TOWER DR.

BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

301 MAIN STREET

SUITE 800

BATON ROUGE, LA 70801

Status

Status: Active

An aerial photograph of a bridge under construction over a body of water. The bridge spans a wide waterway, with marshland visible on the left and right banks. A large crane is positioned on the bridge deck, and several large concrete piers are visible. The image is dark and serves as a background for the text.

SECTION

21

QA/QC Plan

21. QA/QC Plan:

Not required per advertisement. If awarded, HNTB will submit the QA/QC plan within 10 day of notice.



SECTION

22

Subconsultant
Information

22. Sub-consultant information:			
Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Ardaman & Associates, Inc.	316 Highlandia Drive Baton Rouge, LA 70810	Robb Jewell rjewell@ardaman.com	(225) 666-4598
ELOS Environmental, LLC	607 W. Morris Avenue Hammond, LA 70403	Lucas Watkins lwatkins@elosenv.com	(985) 662-5501
Forte and Tablada, Inc.	9107 Interline Avenue Baton Rouge, LA 70809	Russell J. "Joey" Coco, Jr. jcoco@forteandtablada.com	(225) 927-9321
Moffatt & Nichol Inc.	301 Main Street, Suite 800 Baton Rouge, LA 70801	Chace Hulon chulon@moffattnichol.com	(225) 610-1932



SECTION

23

Location

23. Location:

Not required per advertisement.